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# **ESTADÍSTICAS BASICAS DEL SECTOR AGROPECUARIO 1980-2000**

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## **PRESENTACIÓN**

El Centro de Estudios de las Finanzas Públicas de la H. Cámara de Diputados contempla dentro de su Programa de Trabajo, el estudio del sector agropecuario, así como el seguimiento de la evolución de sus principales variables, con el propósito de atender el reiterado interés que ha manifestado la LVIII Legislatura por este sector estratégico para el desarrollo nacional.

El presente documento contiene las “Estadísticas Básicas del Sector Agropecuario en México, 1980-2000”, y tiene como objetivo central apoyar las tareas legislativas de todas aquellas Comisiones interesadas en el sector, particularmente a las Comisiones de Agricultura y Ganadería; Desarrollo Rural; Comercio y Fomento Industrial; Fomento Cooperativo y Economía Social; Medio Ambiente y Recursos Naturales; y Reforma Agraria.

El documento constituye un importante acervo estadístico, ya que además de contener información para un periodo de 20 años (y cuando la disponibilidad de información lo permitió para periodos mayores), lo hace de manera desagregada, poniendo a disposición de los lectores un conjunto de series estadísticas de las distintas actividades: agrícola, ganadera, forestal y pesquera, buscando apoyar los análisis y, en general, los trabajos específicos que desarrollan las Comisiones, Grupos Parlamentarios y Diputados en materia del sector primario de nuestra economía.

La estructura del documento está conformada por diez apartados.

En la primera parte del trabajo se presenta información estadística sobre oferta, demanda, balance interno, rendimientos, entre otras variables para los diez granos básicos, tanto de forma agregada como para cada uno de ellos.

En la segunda sección se consideran prácticamente las mismas variables, pero para los principales productos ganaderos y pesqueros como son; carne de aves de corral, carne de cerdo, carne de vaca, huevo, leche entera, pescado y frutos del mar.

El tercer apartado incluye la oferta, la demanda, el balance interno y la obtención de los más significativos productos forestales en el país.

En el cuarto apartado se incorporó información sobre los principales productos de exportación de la agricultura mexicana, a saber: café, caña de azúcar, limones y limas, naranjas y mandarinas, manzanas, plátano, tabaco y tomates.

En la quinta parte se presentan algunos índices de producción, para la agricultura en su conjunto, para los cereales, para los diez principales cultivos, para la producción de alimentos, y para los no alimentos. Para este propósito se incluyeron cuatro bloques comerciales: la Unión Europea, el TLC de América del Norte, Asia y el MERCOSUR. Por lo tanto, los países que se incluyeron fueron: Estados Unidos, Canadá, México, Japón, República de Corea, Argentina y Brasil.

Posteriormente, en la sexta parte se muestran datos sobre algunas comparaciones internacionales en materia de superficie y rendimiento de los diez cultivos básicos.

La balanza agroalimentaria se presenta en la séptima parte con series que comprenden el periodo 1980-2000, con los principales cultivos y productos de exportación y una segunda presentación ampliada de 1991-2000 que considera un número mayor de productos.

En la siguiente sección se muestra información sobre algunos de los insumos del sector agropecuario, como son: fertilizantes y tractores. Se presentan también datos sobre el comercio internacional de los funguicidas, herbicidas e insecticidas.

Posteriormente se incluye un apartado sobre los sistemas hidráulicos donde se considera la superficie de riego incorporada a la producción y la capacidad promedio de los Distritos de Riego por zonas.

Finalmente, se muestra un concentrado de los precios medios pagados al productor de los diez principales cultivos, en pesos y en dólares por tonelada.

Las principales fuentes de información utilizadas fueron: Secretaría de Agricultura, Ganadería y Desarrollo Rural, Informes de Gobierno del Poder Ejecutivo Federal, Instituto Nacional de Estadística, Geografía e Informática y la FAO.



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## SECTOR AGROPECUARIO

CUADRO 1.1

México: Oferta y demanda total de los 10 principales granos\*  
(Toneladas)

| AÑO  | OFERTA       |               | OFERTA + DEMANDA |                        | DEMANDA     |                           |                |              |              |             |               |                                        |
|------|--------------|---------------|------------------|------------------------|-------------|---------------------------|----------------|--------------|--------------|-------------|---------------|----------------------------------------|
|      | Producción   | Importaciones | (c = a+b)        | Consumo aparente total | Semillas    | Desperdicios <sup>1</sup> | Transformación | Alimentación | Otros usos   | Pienso      | Exportaciones | Cambio en las existencias <sup>2</sup> |
|      | (a)          | (b)           | (c = a+b)        |                        |             |                           |                |              |              |             |               |                                        |
|      | (a)          | (b)           | (c = a+b)        | (d = e+g+h+i+j)        | (a)         | (f)                       | (g)            | (h)          | (i)          | (j)         | (l)           | (m)                                    |
| 1961 | 10,143,530.0 | 117,481.0     | 10,261,011.0     | 9,949,963.0            | 816,020.0   | 555,321.0                 | 1,103,653.0    | 2,285,877.0  | 4,819,259.0  | 369,834.0   | 4,627.0       | 305,421.0                              |
| 1962 | 10,270,389.0 | 224,778.0     | 10,495,167.0     | 10,324,854.0           | 849,188.0   | 517,864.0                 | 1,245,521.0    | 2,299,340.0  | 5,010,279.0  | 402,702.0   | 99,119.0      | 71,164.0                               |
| 1963 | 11,314,979.0 | 682,498.0     | 11,997,477.0     | 11,647,479.0           | 945,793.0   | 559,103.0                 | 1,958,817.0    | 2,382,552.0  | 5,198,039.0  | 583,175.0   | 127,761.0     | 222,237.0                              |
| 1964 | 13,730,432.0 | 178,641.0     | 13,909,073.0     | 13,816,103.0           | 1,057,984.0 | 602,417.0                 | 2,796,965.0    | 2,727,591.0  | 5,201,847.0  | 619,299.0   | 880,932.0     | 12,039.0                               |
| 1965 | 14,908,861.0 | 183,363.0     | 14,692,224.0     | 14,658,019.0           | 1,053,714.0 | 620,881.0                 | 1,774,228.0    | 2,911,283.0  | 5,449,816.0  | 848,097.0   | 2,048,892.0   | -14,687.0                              |
| 1966 | 15,290,729.0 | 86,782.0      | 15,377,511.0     | 15,507,955.0           | 1,136,708.0 | 579,546.0                 | 1,709,171.0    | 3,049,900.0  | 5,587,762.0  | 1,444,868.0 | 1,094,804.0   | 774,952.0                              |
| 1967 | 15,240,090.0 | 23,968.0      | 15,263,658.0     | 13,550,405.0           | 1,193,200.0 | 619,540.0                 | 1,416,033.0    | 3,121,091.0  | 5,874,651.0  | 1,325,890.0 | 2,057,800.0   | -344,547.0                             |
| 1968 | 16,234,439.0 | 86,749.0      | 16,320,188.0     | 16,203,830.0           | 1,266,872.0 | 864,034.0                 | 1,374,278.0    | 3,439,797.0  | 6,271,112.0  | 1,978,747.0 | 1,213,349.0   | -96,991.0                              |
| 1969 | 15,942,251.0 | 53,798.0      | 15,996,049.0     | 15,652,970.0           | 1,198,721.0 | 689,187.0                 | 1,271,939.0    | 3,521,882.0  | 6,472,778.0  | 2,500,463.0 | 1,141,964.0   | -798,895.0                             |
| 1970 | 17,101,118.0 | 988,353.0     | 18,089,471.0     | 17,553,770.0           | 1,434,656.0 | 706,554.0                 | 2,301,012.0    | 3,753,400.0  | 6,462,275.0  | 2,895,834.0 | 102,385.0     | 403,345.0                              |
| 1971 | 17,196,227.0 | 314,645.0     | 17,510,872.0     | 17,284,914.0           | 1,388,011.0 | 623,003.0                 | 2,080,725.0    | 3,920,384.0  | 6,645,741.0  | 2,827,050.0 | 427,710.0     | -201,752.0                             |
| 1972 | 16,704,804.0 | 1,107,063.0   | 17,811,867.0     | 17,272,243.0           | 1,416,968.0 | 651,854.0                 | 1,357,335.0    | 4,087,964.0  | 6,742,367.0  | 3,015,755.0 | 585,825.0     | -48,411.0                              |
| 1973 | 17,478,927.0 | 2,049,438.0   | 19,528,365.0     | 19,188,594.0           | 1,656,897.0 | 705,435.0                 | 1,757,719.0    | 4,660,016.0  | 6,937,712.0  | 3,471,815.0 | 120,792.0     | 218,969.0                              |
| 1974 | 17,282,348.0 | 3,416,371.0   | 20,698,719.0     | 19,634,473.0           | 1,464,962.0 | 1,063,999.0               | 1,175,637.0    | 4,886,059.0  | 7,146,379.0  | 3,895,437.0 | 36,646.0      | 1,027,600.0                            |
| 1975 | 19,116,981.0 | 3,644,203.0   | 22,963,184.0     | 21,850,457.0           | 1,761,582.0 | 780,017.0                 | 1,849,039.0    | 4,945,842.0  | 7,400,779.0  | 5,133,198.0 | 68,587.0      | 1,044,140.0                            |
| 1976 | 18,136,442.0 | 1,418,862.0   | 19,555,304.0     | 20,500,238.0           | 1,486,420.0 | 993,986.0                 | 1,134,160.0    | 4,588,510.0  | 7,725,446.0  | 4,231,706.0 | 86,498.0      | -1,031,432.0                           |
| 1977 | 20,498,636.0 | 3,540,627.0   | 24,039,263.0     | 22,791,775.0           | 1,867,788.0 | 765,749.0                 | 1,788,689.0    | 5,174,357.0  | 7,961,500.0  | 5,213,712.0 | 227,880.0     | 1,009,600.0                            |
| 1978 | 21,422,779.0 | 3,493,789.0   | 24,916,567.0     | 23,525,117.0           | 1,914,129.0 | 785,720.0                 | 1,992,802.0    | 5,405,433.0  | 8,268,970.0  | 5,138,063.0 | 184,715.0     | 1,206,735.0                            |
| 1979 | 18,303,901.0 | 3,865,687.0   | 22,169,188.0     | 24,182,431.0           | 1,638,231.0 | 790,891.0                 | 1,897,837.0    | 5,912,782.0  | 8,472,283.0  | 5,478,407.0 | 138,875.0     | -2,162,118.0                           |
| 1980 | 23,308,937.0 | 6,345,346.0   | 31,654,283.0     | 29,526,166.0           | 2,538,729.0 | 899,468.0                 | 3,666,421.0    | 6,770,769.0  | 8,514,245.0  | 7,136,533.0 | 83,583.0      | 2,044,534.0                            |
| 1981 | 28,436,474.0 | 8,834,635.0   | 37,271,109.0     | 33,825,310.0           | 3,225,614.0 | 1,014,368.0               | 3,252,139.0    | 9,179,425.0  | 8,694,761.0  | 9,459,003.0 | 65,442.0      | 3,380,357.0                            |
| 1982 | 22,328,899.0 | 4,426,435.0   | 26,755,134.0     | 30,476,218.0           | 2,054,889.0 | 1,068,759.0               | 2,837,154.0    | 7,996,426.0  | 8,823,145.0  | 7,895,845.0 | 69,783.0      | -3,790,867.0                           |
| 1983 | 25,033,895.0 | 9,711,485.0   | 34,745,380.0     | 32,236,128.0           | 3,341,972.0 | 937,457.0                 | 2,493,703.0    | 7,879,041.0  | 9,199,904.0  | 8,383,051.0 | 96,560.0      | 2,411,692.0                            |
| 1984 | 25,859,455.0 | 8,499,785.0   | 34,359,240.0     | 32,236,680.0           | 3,549,897.0 | 1,020,516.0               | 1,782,965.0    | 9,187,047.0  | 9,381,028.0  | 9,315,227.0 | 207,603.0     | 1,914,957.0                            |
| 1985 | 29,642,283.0 | 6,695,157.0   | 36,337,440.0     | 34,899,543.0           | 3,516,702.0 | 1,247,485.0               | 1,925,937.0    | 8,627,581.0  | 9,837,069.0  | 9,844,769.0 | 63,775.0      | 1,184,122.0                            |
| 1986 | 25,887,953.0 | 3,721,196.0   | 29,609,149.0     | 32,626,811.0           | 3,477,734.0 | 1,208,682.0               | 1,944,310.0    | 7,876,833.0  | 10,322,343.0 | 7,796,899.0 | 79,661.0      | -3,297,523.0                           |
| 1987 | 26,064,651.0 | 5,937,508.0   | 32,002,159.0     | 33,181,716.0           | 3,980,548.0 | 1,171,256.0               | 2,368,237.0    | 7,311,733.0  | 10,471,185.0 | 7,878,757.0 | 89,595.0      | -1,269,152.0                           |
| 1988 | 22,820,008.0 | 6,842,757.0   | 29,662,765.0     | 32,571,441.0           | 2,989,720.0 | 961,289.0                 | 2,592,832.0    | 7,311,286.0  | 11,022,750.0 | 7,893,965.0 | 260,191.0     | -3,168,867.0                           |
| 1989 | 23,320,341.0 | 6,514,351.0   | 31,834,692.0     | 33,825,618.0           | 3,496,301.0 | 945,771.0                 | 2,546,075.0    | 7,576,555.0  | 11,102,917.0 | 8,157,999.0 | 337,778.0     | -2,338,704.0                           |
| 1990 | 27,806,176.0 | 8,791,156.0   | 36,597,332.0     | 36,743,964.0           | 4,111,153.0 | 922,219.0                 | 2,588,963.0    | 9,216,851.0  | 10,798,825.0 | 8,995,953.0 | 604,190.0     | 249,218.0                              |
| 1991 | 26,083,401.0 | 6,780,031.0   | 32,863,432.0     | 34,113,288.0           | 2,929,917.0 | 980,464.0                 | 2,521,535.0    | 8,641,122.0  | 11,114,930.0 | 7,915,320.0 | 618,976.0     | -1,889,832.0                           |
| 1992 | 28,273,363.0 | 10,443,865.0  | 38,717,048.0     | 36,318,355.0           | 3,226,497.0 | 1,019,984.0               | 2,636,165.0    | 9,383,308.0  | 10,968,709.0 | 9,133,892.0 | 131,683.0     | 2,267,010.0                            |
| 1993 | 27,029,980.0 | 9,882,386.0   | 36,912,366.0     | 38,808,923.0           | 5,998,011.0 | 1,041,706.0               | 2,441,986.0    | 9,289,214.0  | 11,179,789.0 | 8,548,217.0 | 114,455.0     | -2,891,002.0                           |
| 1994 | 28,915,411.0 | 10,891,772.0  | 39,807,183.0     | 37,185,384.0           | 4,710,847.0 | 989,043.0                 | 2,587,814.0    | 10,046,057.0 | 11,113,059.0 | 7,808,554.0 | 443,380.0     | 1,978,419.0                            |
| 1995 | 28,783,548.0 | 8,903,034.0   | 37,686,582.0     | 36,851,041.0           | 4,703,257.0 | 889,109.0                 | 2,694,152.0    | 9,701,825.0  | 11,850,831.0 | 6,801,867.0 | 735,349.0     | -300,192.0                             |
| 1996 | 31,245,433.5 | 13,980,847.0  | 45,226,080.5     | 42,113,699.5           | 6,088,718.0 | 1,321,278.0               | 2,881,792.5    | 10,279,852.0 | 12,077,750.0 | 9,484,309.0 | 381,992.0     | 2,730,389.0                            |
| 1997 | 29,646,571.0 | 10,526,366.0  | 40,573,037.0     | 41,205,330.0           | 5,825,578.0 | 1,174,244.0               | 2,875,467.0    | 10,741,778.0 | 12,063,975.0 | 8,524,288.0 | 603,521.0     | -1,235,814.0                           |
| 1998 | 31,035,955.0 | 15,279,211.0  | 46,314,566.0     | 45,866,768.0           | nd          | nd                        | nd             | nd           | nd           | nd          | 447,798.0     | 0.0                                    |
| 1999 | 30,009,200.0 | 17,899,127.0  | 47,908,327.0     | 47,529,724.0           | nd          | nd                        | nd             | nd           | nd           | nd          | 379,603.0     | 0.0                                    |
| 2000 | 31,053,000.0 | nd            | 31,053,000.0     | nd                     | nd          | nd                        | nd             | nd           | nd           | nd          | nd            | nd                                     |

Nota: Los puntos pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

\* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, sorgo, centeno, semilla de algodón, soya, cebada y sorgo.

\*\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEP de la Honorable Cámara de Diputados en base a datos de la SAGP, Consumo aparente de productos agrícolas, SAGP, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 1.2

México: Balance interno de los 10 principales cultivos\*  
(Toneladas)

| Año  | Producción   | Consumo aparente total | Balance interno |
|------|--------------|------------------------|-----------------|
| 1961 | 10,143,530.0 | 9,949,963.0            | 193,567.0       |
| 1962 | 10,270,389.0 | 10,324,884.0           | -54,495.0       |
| 1963 | 11,314,979.0 | 11,647,479.0           | -332,500.0      |
| 1964 | 13,730,432.0 | 13,016,103.0           | 714,329.0       |
| 1965 | 14,508,861.0 | 12,658,019.0           | 1,850,842.0     |
| 1966 | 15,290,729.0 | 13,507,955.0           | 1,782,774.0     |
| 1967 | 15,240,090.0 | 13,550,405.0           | 1,689,685.0     |
| 1968 | 16,234,439.0 | 15,203,830.0           | 1,030,609.0     |
| 1969 | 15,942,251.0 | 15,652,970.0           | 289,281.0       |
| 1970 | 17,101,118.0 | 17,553,770.0           | -452,652.0      |
| 1971 | 17,196,227.0 | 17,284,914.0           | -88,687.0       |
| 1972 | 16,704,604.0 | 17,272,243.0           | -567,639.0      |
| 1973 | 17,478,927.0 | 19,188,594.0           | -1,709,667.0    |
| 1974 | 17,282,348.0 | 19,634,473.0           | -2,352,125.0    |
| 1975 | 19,118,981.0 | 21,850,457.0           | -2,731,476.0    |
| 1976 | 18,136,442.0 | 20,500,238.0           | -2,363,796.0    |
| 1977 | 20,488,638.0 | 22,791,775.0           | -2,303,137.0    |
| 1978 | 21,422,779.0 | 23,525,117.0           | -2,102,338.0    |
| 1979 | 18,303,501.0 | 24,182,431.0           | -5,878,930.0    |
| 1980 | 23,308,937.0 | 29,526,166.0           | -6,217,229.0    |
| 1981 | 28,436,474.0 | 33,825,310.0           | -5,388,836.0    |
| 1982 | 22,328,699.0 | 30,476,218.0           | -8,147,519.0    |
| 1983 | 25,033,895.0 | 32,235,128.0           | -7,201,233.0    |
| 1984 | 25,859,455.0 | 32,236,680.0           | -6,377,225.0    |
| 1985 | 29,642,283.0 | 34,999,543.0           | -5,357,260.0    |
| 1986 | 25,687,953.0 | 32,626,811.0           | -6,938,858.0    |
| 1987 | 26,064,651.0 | 33,181,716.0           | -7,117,065.0    |
| 1988 | 22,820,008.0 | 32,571,441.0           | -9,751,433.0    |
| 1989 | 23,320,341.0 | 33,825,618.0           | -10,505,277.0   |
| 1990 | 27,806,176.0 | 35,743,964.0           | -7,937,788.0    |
| 1991 | 26,083,401.0 | 34,113,288.0           | -8,029,887.0    |
| 1992 | 28,273,363.0 | 36,318,355.0           | -8,044,992.0    |
| 1993 | 27,029,980.0 | 38,608,923.0           | -11,578,943.0   |
| 1994 | 28,915,411.0 | 37,185,384.0           | -8,269,973.0    |
| 1995 | 28,783,548.0 | 36,651,041.0           | -7,867,493.0    |
| 1996 | 31,245,433.5 | 42,113,699.5           | -10,868,266.0   |
| 1997 | 29,646,671.0 | 41,205,330.0           | -11,558,659.0   |
| 1998 | 31,035,355.0 | 45,866,768.0           | -14,831,413.0   |
| 1999 | 30,009,200.0 | 47,529,724.0           | nd              |
| 2000 | 31,063,000.0 | nd                     | nd              |

\* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, ajonjolí, cártamo, semilla de algodón, soya, cebada y sorgo

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 1.3

## México: Rendimiento de los 10 principales cultivos por hectárea\*

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 10,290,967.0                       | 10,143,530.0              | 0.9857                              |
| 1962 | 10,326,759.0                       | 10,270,389.0              | 0.9945                              |
| 1963 | 11,218,809.0                       | 11,314,979.0              | 1.0086                              |
| 1964 | 12,126,966.0                       | 13,730,432.0              | 1.1322                              |
| 1965 | 12,539,014.0                       | 14,508,861.0              | 1.1571                              |
| 1966 | 13,393,666.0                       | 15,290,729.0              | 1.1416                              |
| 1967 | 12,502,419.0                       | 15,240,090.0              | 1.2190                              |
| 1968 | 12,660,476.0                       | 16,234,439.0              | 1.2823                              |
| 1969 | 11,966,729.0                       | 15,942,251.0              | 1.3322                              |
| 1970 | 12,389,839.0                       | 17,101,118.0              | 1.3803                              |
| 1971 | 12,714,339.0                       | 17,196,227.0              | 1.3525                              |
| 1972 | 12,368,506.0                       | 16,704,604.0              | 1.3506                              |
| 1973 | 12,904,127.0                       | 17,478,927.0              | 1.3545                              |
| 1974 | 11,855,659.0                       | 17,282,348.0              | 1.4577                              |
| 1975 | 12,366,305.0                       | 19,118,981.0              | 1.5461                              |
| 1976 | 11,557,457.0                       | 18,136,442.0              | 1.5692                              |
| 1977 | 12,993,895.0                       | 20,488,638.0              | 1.5768                              |
| 1978 | 12,586,986.0                       | 21,422,779.0              | 1.7020                              |
| 1979 | 10,371,782.0                       | 18,303,501.0              | 1.7647                              |
| 1980 | 12,231,135.0                       | 23,308,937.0              | 1.9057                              |
| 1981 | 13,902,865.0                       | 28,436,474.0              | 2.0454                              |
| 1982 | 10,706,409.0                       | 22,328,699.0              | 2.0855                              |
| 1983 | 13,319,415.0                       | 25,033,895.0              | 1.8795                              |
| 1984 | 12,688,111.0                       | 25,859,455.0              | 2.0381                              |
| 1985 | 13,997,675.0                       | 29,642,283.0              | 2.1177                              |
| 1986 | 12,302,833.0                       | 25,687,953.0              | 2.0880                              |
| 1987 | 12,944,688.0                       | 26,064,651.0              | 2.0135                              |
| 1988 | 12,256,503.0                       | 22,820,008.0              | 1.8619                              |
| 1989 | 11,866,491.0                       | 23,320,341.0              | 1.9652                              |
| 1990 | 13,324,653.0                       | 27,806,176.0              | 2.0868                              |
| 1991 | 12,425,666.0                       | 26,083,401.0              | 2.0992                              |
| 1992 | 11,680,092.0                       | 28,273,363.0              | 2.4206                              |
| 1993 | 11,736,882.0                       | 27,029,980.0              | 2.3030                              |
| 1994 | 13,234,619.0                       | 28,915,411.0              | 2.1848                              |
| 1995 | 13,229,856.0                       | 28,783,548.0              | 2.1757                              |
| 1996 | 14,020,275.0                       | 31,245,433.5              | 2.2286                              |
| 1997 | 12,496,584.0                       | 29,646,671.0              | 2.3724                              |
| 1998 | 13,634,572.0                       | 31,035,355.0              | 2.2762                              |
| 1999 | 12,139,900.0                       | 30,009,200.0              | 2.4719                              |
| 2000 | 14,531,300.0                       | 31,063,000.0              | 2.1377                              |

\* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, ajonjolí, cártamo, semilla de algodón, soya, cebada y sorgo

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 1.4

México: Producción y consumo de los 10 principales cultivos por habitante\*  
(kilogramos)

| Año  | Población Nacional | Producción /Población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 280,0936              | 274,7486                   | 5,3450                    |
| 1962 | 37,486,139         | 273,9783              | 275,4320                   | -1,4537                   |
| 1963 | 38,800,538         | 291,6191              | 300,1886                   | -8,5695                   |
| 1964 | 40,147,885         | 341,9955              | 324,2031                   | 17,7924                   |
| 1965 | 41,536,828         | 349,3095              | 304,7494                   | 44,5601                   |
| 1966 | 42,955,889         | 355,9670              | 314,4641                   | 41,5028                   |
| 1967 | 44,387,880         | 343,2517              | 305,2038                   | 38,0578                   |
| 1968 | 45,858,833         | 354,0028              | 331,5297                   | 22,4731                   |
| 1969 | 47,357,557         | 336,7781              | 330,6870                   | 6,1110                    |
| 1970 | 48,862,306         | 350,0575              | 359,3233                   | -9,2657                   |
| 1971 | 50,383,091         | 341,2418              | 343,0017                   | -1,7599                   |
| 1972 | 51,948,772         | 321,5592              | 332,4861                   | -10,9268                  |
| 1973 | 53,517,788         | 326,8003              | 358,5461                   | -31,9468                  |
| 1974 | 55,104,832         | 313,6267              | 356,3113                   | -42,6846                  |
| 1975 | 56,687,703         | 337,2686              | 385,4532                   | -48,1846                  |
| 1976 | 58,291,820         | 311,1319              | 351,6829                   | -40,5511                  |
| 1977 | 59,900,617         | 342,0438              | 380,4932                   | -38,4493                  |
| 1978 | 61,527,486         | 348,1823              | 382,3513                   | -34,1691                  |
| 1979 | 63,161,213         | 289,7902              | 382,8684                   | -93,0782                  |
| 1980 | 64,788,572         | 359,7893              | 455,7311                   | -95,9618                  |
| 1981 | 66,425,164         | 428,0979              | 509,2243                   | -81,1264                  |
| 1982 | 68,061,155         | 327,9718              | 447,6454                   | -119,6736                 |
| 1983 | 69,744,148         | 358,9380              | 462,1912                   | -103,2521                 |
| 1984 | 71,421,164         | 362,0699              | 451,3603                   | -89,2904                  |
| 1985 | 73,112,440         | 405,4342              | 478,7065                   | -73,2743                  |
| 1986 | 74,817,783         | 343,3402              | 436,0936                   | -92,7434                  |
| 1987 | 76,536,428         | 340,5522              | 433,5415                   | -92,9892                  |
| 1988 | 78,268,888         | 291,5666              | 416,1586                   | -124,5921                 |
| 1989 | 80,019,134         | 291,4346              | 422,7191                   | -131,2846                 |
| 1990 | 81,781,347         | 340,0063              | 437,0674                   | -97,0611                  |
| 1991 | 83,554,530         | 312,1722              | 408,2757                   | -96,1036                  |
| 1992 | 85,348,102         | 331,2711              | 425,5321                   | -94,2609                  |
| 1993 | 87,117,484         | 310,2705              | 443,1824                   | -132,9118                 |
| 1994 | 88,863,239         | 325,3923              | 418,4563                   | -93,0641                  |
| 1995 | 90,578,718         | 317,7738              | 404,6319                   | -86,8581                  |
| 1996 | 92,228,065         | 338,7844              | 495,6256                   | -117,8412                 |
| 1997 | 93,813,883         | 316,0165              | 439,2238                   | -123,2083                 |
| 1998 | 95,326,490         | 325,5882              | 481,1547                   | -155,5665                 |
| 1999 | 96,714,391         | 310,2888              | nd                         | nd                        |
| 2000 | 97,325,895         | 317,2092              | nd                         | nd                        |

\* Los 10 principales cultivos son: arroz, maíz, trigo, ajonjolí, cártamo, semilla de algodón, soya, cebada y sorgo.  
Fuente: Elaborado por el CQPF de la Honorable Cámara de Diputados en base a datos de la SAPH, Consumo aparente de productos agrícolas, SAPH, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1999. Año Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 1.5

México: Oferta y demanda total de los 10 principales granos\*  
(porcentajes)

| AÑO  | OFERTA     |               | OFERTA - DEMANDA |                        | DEMANDA  |                |                |              |            |         |               |                              |
|------|------------|---------------|------------------|------------------------|----------|----------------|----------------|--------------|------------|---------|---------------|------------------------------|
|      | Producción | Importaciones | (c = a+b)        | Consumo aparente total | Semillas | Desperdicios † | Transformación | Alimentación | Otros usos | Piensos | Exportaciones | Cambio en las existencias ** |
|      | (a)        | (b)           | (c = a+b)        | (d = e+f+g+h+i)        | (g)      | (f)            | (g)            | (h)          | (i)        | (j)     | (i)           | (n)                          |
| 1961 | 98.86      | 1.14          | 100.00           | 96.97                  | 8.20     | 5.98           | 11.09          | 22.97        | 48.43      | 3.72    | 0.05          | 2.99                         |
| 1962 | 97.86      | 2.14          | 100.00           | 98.38                  | 8.22     | 5.02           | 12.06          | 22.27        | 48.53      | 3.90    | 0.94          | 0.88                         |
| 1963 | 94.31      | 5.69          | 100.00           | 97.08                  | 8.12     | 4.80           | 16.82          | 20.54        | 44.63      | 5.09    | 1.06          | 1.85                         |
| 1964 | 98.72      | 1.28          | 100.00           | 93.58                  | 8.21     | 4.63           | 21.49          | 20.96        | 39.96      | 4.76    | 6.33          | 0.09                         |
| 1965 | 98.75      | 1.25          | 100.00           | 86.15                  | 8.32     | 4.91           | 14.02          | 23.00        | 43.06      | 6.70    | 13.95         | -0.10                        |
| 1966 | 99.44      | 0.56          | 100.00           | 87.84                  | 8.42     | 4.29           | 12.65          | 22.58        | 41.37      | 10.70   | 7.12          | 5.04                         |
| 1967 | 99.85      | 0.15          | 100.00           | 88.78                  | 8.81     | 4.57           | 10.45          | 23.03        | 43.36      | 9.78    | 13.48         | -2.36                        |
| 1968 | 99.47      | 0.53          | 100.00           | 93.16                  | 8.48     | 5.62           | 9.04           | 22.62        | 41.25      | 13.01   | 7.43          | -0.99                        |
| 1969 | 99.66      | 0.34          | 100.00           | 97.86                  | 7.65     | 4.40           | 8.13           | 22.50        | 41.36      | 15.97   | 7.14          | -4.99                        |
| 1970 | 94.69      | 5.31          | 100.00           | 97.20                  | 8.17     | 4.03           | 13.11          | 21.38        | 36.81      | 16.90   | 0.57          | 2.23                         |
| 1971 | 98.20      | 1.80          | 100.00           | 98.71                  | 8.03     | 3.60           | 12.04          | 22.68        | 38.45      | 15.20   | 2.44          | -1.15                        |
| 1972 | 93.78      | 6.22          | 100.00           | 96.97                  | 8.20     | 3.77           | 7.86           | 23.67        | 39.04      | 17.46   | 3.29          | -0.26                        |
| 1973 | 89.51      | 10.49         | 100.00           | 98.26                  | 8.63     | 3.68           | 9.16           | 24.29        | 36.16      | 18.09   | 0.62          | 1.12                         |
| 1974 | 83.49      | 16.51         | 100.00           | 94.86                  | 7.46     | 5.37           | 5.99           | 24.96        | 36.40      | 19.84   | 0.18          | 4.96                         |
| 1975 | 83.36      | 16.74         | 100.00           | 95.15                  | 8.05     | 3.48           | 8.46           | 22.63        | 33.87      | 23.49   | 0.30          | 4.55                         |
| 1976 | 92.74      | 7.26          | 100.00           | 104.83                 | 7.25     | 4.85           | 5.53           | 24.04        | 37.68      | 20.64   | 0.44          | -5.27                        |
| 1977 | 85.27      | 14.73         | 100.00           | 94.85                  | 8.20     | 3.36           | 7.85           | 22.70        | 35.02      | 22.88   | 0.95          | 4.20                         |
| 1978 | 85.98      | 14.02         | 100.00           | 94.42                  | 8.14     | 3.34           | 8.47           | 22.98        | 35.23      | 21.84   | 0.74          | 4.84                         |
| 1979 | 82.80      | 17.40         | 100.00           | 109.13                 | 6.74     | 3.27           | 7.65           | 24.45        | 35.03      | 22.65   | 0.63          | -9.76                        |
| 1980 | 73.64      | 26.36         | 100.00           | 93.28                  | 8.60     | 3.05           | 12.42          | 22.93        | 28.84      | 24.17   | 0.26          | 5.46                         |
| 1981 | 76.30      | 23.70         | 100.00           | 90.75                  | 9.54     | 3.00           | 9.61           | 24.18        | 25.70      | 27.96   | 0.18          | 9.07                         |
| 1982 | 83.46      | 16.54         | 100.00           | 113.91                 | 6.74     | 3.51           | 9.31           | 26.24        | 28.95      | 25.25   | 0.26          | -14.17                       |
| 1983 | 72.05      | 27.95         | 100.00           | 92.78                  | 10.37    | 2.91           | 7.74           | 24.44        | 28.54      | 26.01   | 0.28          | 6.94                         |
| 1984 | 75.26      | 24.74         | 100.00           | 93.62                  | 11.01    | 3.17           | 5.53           | 25.40        | 29.10      | 25.79   | 0.60          | 5.57                         |
| 1985 | 81.78      | 18.22         | 100.00           | 96.56                  | 10.05    | 3.56           | 5.50           | 24.65        | 28.11      | 28.13   | 0.18          | 3.27                         |
| 1986 | 87.35      | 12.65         | 100.00           | 110.94                 | 10.66    | 3.70           | 5.96           | 24.14        | 31.64      | 23.90   | 0.27          | -11.21                       |
| 1987 | 81.45      | 18.55         | 100.00           | 109.69                 | 12.00    | 3.53           | 7.14           | 22.04        | 31.56      | 23.74   | 0.28          | -3.97                        |
| 1988 | 76.93      | 23.07         | 100.00           | 109.91                 | 9.19     | 2.95           | 7.96           | 22.45        | 33.84      | 23.62   | 0.98          | -10.68                       |
| 1989 | 73.25      | 26.75         | 100.00           | 106.25                 | 10.34    | 2.80           | 7.53           | 22.40        | 32.82      | 24.12   | 1.06          | -7.31                        |
| 1990 | 75.98      | 24.02         | 100.00           | 97.67                  | 11.50    | 2.58           | 7.27           | 23.27        | 30.21      | 25.17   | 1.65          | 0.88                         |
| 1991 | 79.37      | 20.63         | 100.00           | 103.80                 | 8.99     | 2.90           | 7.39           | 25.33        | 32.58      | 23.20   | 1.88          | -5.69                        |
| 1992 | 73.03      | 26.97         | 100.00           | 93.80                  | 8.89     | 2.81           | 7.25           | 25.70        | 30.20      | 25.15   | 0.34          | 5.86                         |
| 1993 | 75.31      | 24.69         | 100.00           | 107.57                 | 15.54    | 2.70           | 6.32           | 24.34        | 28.96      | 22.14   | 0.32          | -7.89                        |
| 1994 | 73.01      | 26.99         | 100.00           | 93.89                  | 12.67    | 2.44           | 6.99           | 27.02        | 29.89      | 21.00   | 1.12          | 5.00                         |
| 1995 | 76.38      | 23.62         | 100.00           | 97.25                  | 12.83    | 2.45           | 7.35           | 26.47        | 32.33      | 18.56   | 1.95          | 0.80                         |
| 1996 | 69.09      | 30.91         | 100.00           | 93.12                  | 14.41    | 3.14           | 6.84           | 24.41        | 28.68      | 22.52   | 0.84          | 6.04                         |
| 1997 | 73.07      | 26.93         | 100.00           | 101.56                 | 14.14    | 2.85           | 6.98           | 26.07        | 29.28      | 20.69   | 1.49          | -3.05                        |
| 1998 | 67.01      | 32.99         | 100.00           | 99.03                  | nd       | nd             | nd             | nd           | nd         | nd      | 0.97          | 0.00                         |
| 1999 | 62.64      | 37.36         | 100.00           | nd                     | nd       | nd             | nd             | nd           | nd         | nd      | 0.79          | 0.00                         |
| 2000 | nd         | nd            | 100.00           | nd                     | nd       | nd             | nd             | nd           | nd         | nd      | nd            | nd                           |

Nota: Los ceros pueden no coincidir debido a los ajustes en las cifras.

† El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

\* Los 10 principales cultivos son: arroz, frijol, maíz, trigo, sorgo, centeno, semilla de algodón, soya, cebada y sorgo.

\*\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SAGH, Consumos aparentes de productos agrícolas, SAGH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 1.6

**México: Superficie y producción por modalidad de los 10 principales cultivos**  
(Porcentaje)

| Año  | Superficie cosechada<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|-------------------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                               | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 16.9                                | 83.1     | 100.0 | 33.7                      | 66.3     | 100.0 |
| 1971 | 16.3                                | 83.7     | 100.0 | 29.0                      | 71.0     | 100.0 |
| 1972 | 17.8                                | 82.2     | 100.0 | 31.0                      | 69.0     | 100.0 |
| 1973 | 18.8                                | 81.2     | 100.0 | 37.1                      | 62.9     | 100.0 |
| 1974 | 23.3                                | 76.7     | 100.0 | 39.3                      | 60.7     | 100.0 |
| 1975 | 23.3                                | 76.7     | 100.0 | 41.8                      | 58.2     | 100.0 |
| 1976 | 24.0                                | 76.0     | 100.0 | 44.6                      | 55.4     | 100.0 |
| 1977 | 24.2                                | 75.8     | 100.0 | 43.0                      | 57.0     | 100.0 |
| 1978 | 26.5                                | 73.5     | 100.0 | 43.0                      | 57.0     | 100.0 |
| 1979 | 32.8                                | 67.2     | 100.0 | 52.1                      | 47.9     | 100.0 |
| 1980 | 27.3                                | 72.7     | 100.0 | 42.0                      | 58.0     | 100.0 |
| 1981 | 26.1                                | 73.9     | 100.0 | 39.5                      | 60.5     | 100.0 |
| 1982 | 33.1                                | 66.9     | 100.0 | 52.2                      | 47.8     | 100.0 |
| 1983 | 25.0                                | 75.0     | 100.0 | 40.2                      | 59.8     | 100.0 |
| 1984 | 25.8                                | 74.2     | 100.0 | 43.6                      | 56.4     | 100.0 |
| 1985 | 25.9                                | 74.1     | 100.0 | 44.0                      | 56.0     | 100.0 |
| 1986 | 28.4                                | 71.6     | 100.0 | 48.2                      | 51.8     | 100.0 |
| 1987 | 27.0                                | 73.0     | 100.0 | 46.1                      | 53.9     | 100.0 |
| 1988 | 23.8                                | 76.2     | 100.0 | 43.7                      | 56.3     | 100.0 |
| 1989 | 28.6                                | 71.4     | 100.0 | 48.2                      | 51.8     | 100.0 |
| 1990 | 23.5                                | 76.5     | 100.0 | 40.8                      | 59.2     | 100.0 |
| 1991 | 26.6                                | 73.4     | 100.0 | 45.0                      | 55.0     | 100.0 |
| 1992 | 27.0                                | 73.0     | 100.0 | 44.0                      | 56.0     | 100.0 |
| 1993 | 26.6                                | 73.4     | 100.0 | 49.1                      | 50.9     | 100.0 |
| 1994 | 26.9                                | 73.1     | 100.0 | 52.6                      | 47.4     | 100.0 |
| 1995 | 23.5                                | 76.5     | 100.0 | 43.1                      | 56.9     | 100.0 |
| 1996 | 21.0                                | 79.0     | 100.0 | 40.0                      | 60.0     | 100.0 |
| 1997 | 24.4                                | 75.6     | 100.0 | 47.1                      | 52.9     | 100.0 |
| 1998 | 20.5                                | 79.5     | 100.0 | 40.5                      | 59.5     | 100.0 |
| 1999 | 21.0                                | 79.0     | 100.0 | 38.0                      | 62.0     | 100.0 |
| 2000 | 17.3                                | 83.2     | 100.5 | 37.6                      | 62.9     | 100.5 |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 1.7

**México: Superficie cosechada y producción por modalidad de los 10 principales cultivos**

| Año  | Superficie<br>(Hectáreas) |            |            | Producción<br>(Toneladas) |            |            |
|------|---------------------------|------------|------------|---------------------------|------------|------------|
|      | Riego                     | Temporal   | Total      | Riego                     | Temporal   | Total      |
| 1970 | 2,090,184                 | 10,299,655 | 12,389,839 | 5,756,166                 | 11,344,952 | 17,101,118 |
| 1971 | 2,066,255                 | 10,648,084 | 12,714,339 | 4,988,152                 | 12,208,075 | 17,196,227 |
| 1972 | 2,206,171                 | 10,162,335 | 12,368,506 | 5,175,761                 | 11,528,843 | 16,704,604 |
| 1973 | 2,423,434                 | 10,480,693 | 12,904,127 | 6,489,153                 | 10,989,774 | 17,478,927 |
| 1974 | 2,766,204                 | 9,089,455  | 11,855,659 | 6,792,479                 | 10,489,869 | 17,282,348 |
| 1975 | 2,882,213                 | 9,484,092  | 12,366,305 | 7,986,195                 | 11,132,786 | 19,118,981 |
| 1976 | 2,774,377                 | 8,783,080  | 11,557,457 | 8,093,541                 | 10,042,901 | 18,136,442 |
| 1977 | 3,149,074                 | 9,844,821  | 12,993,895 | 8,800,196                 | 11,688,442 | 20,488,638 |
| 1978 | 3,341,616                 | 9,245,370  | 12,586,986 | 9,222,236                 | 12,200,543 | 21,422,779 |
| 1979 | 3,406,734                 | 6,965,048  | 10,371,782 | 9,539,030                 | 8,764,471  | 18,303,501 |
| 1980 | 3,337,269                 | 8,893,866  | 12,231,135 | 9,791,260                 | 13,517,677 | 23,308,937 |
| 1981 | 3,623,953                 | 10,278,912 | 13,902,865 | 11,246,423                | 17,190,051 | 28,436,474 |
| 1982 | 3,543,565                 | 7,162,844  | 10,706,409 | 11,663,538                | 10,665,161 | 22,328,699 |
| 1983 | 3,334,294                 | 9,985,121  | 13,319,415 | 10,056,596                | 14,977,299 | 25,033,895 |
| 1984 | 3,278,571                 | 9,409,540  | 12,688,111 | 11,279,289                | 14,580,166 | 25,859,455 |
| 1985 | 3,630,535                 | 10,367,140 | 13,997,675 | 13,053,398                | 16,588,885 | 29,642,283 |
| 1986 | 3,491,812                 | 8,811,021  | 12,302,833 | 12,386,096                | 13,301,857 | 25,687,953 |
| 1987 | 3,496,064                 | 9,448,624  | 12,944,688 | 12,012,104                | 14,052,547 | 26,064,651 |
| 1988 | 2,913,237                 | 9,343,266  | 12,256,503 | 9,964,816                 | 12,855,192 | 22,820,008 |
| 1989 | 3,393,018                 | 8,473,473  | 11,866,491 | 11,251,460                | 12,068,881 | 23,320,341 |
| 1990 | 3,131,245                 | 10,193,408 | 13,324,653 | 11,339,773                | 16,466,404 | 27,806,176 |
| 1991 | 3,302,138                 | 9,123,528  | 12,425,666 | 11,734,456                | 14,348,945 | 26,083,401 |
| 1992 | 3,151,079                 | 8,529,013  | 11,680,092 | 12,451,701                | 15,821,662 | 28,273,363 |
| 1993 | 3,121,732                 | 8,615,150  | 11,736,882 | 13,275,435                | 13,754,579 | 27,029,980 |
| 1994 | 3,557,967                 | 9,676,652  | 13,234,619 | 15,211,443                | 13,703,969 | 28,915,411 |
| 1995 | 3,110,149                 | 10,119,707 | 13,229,856 | 12,414,569                | 16,368,984 | 28,783,548 |
| 1996 | 2,942,002                 | 11,078,273 | 14,020,275 | 12,489,006                | 18,756,428 | 31,245,434 |
| 1997 | 3,043,084                 | 9,453,500  | 12,496,584 | 13,966,147                | 15,680,524 | 29,646,671 |
| 1998 | 2,790,887                 | 10,841,885 | 13,634,572 | 12,581,360                | 18,453,976 | 31,035,355 |
| 1999 | 2,543,835                 | 9,596,101  | 12,139,900 | 11,411,634                | 18,597,524 | 30,009,200 |
| 2000 | 2,515,916                 | 12,089,687 | 14,531,300 | 11,684,324                | 19,544,263 | 31,063,000 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

### CUADRO 1.8

#### México: Rendimientos, producción entre superficie cosechada de los 10 principales cultivos

(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 1,380.25 | 2,753.90 | 1,101.49 |
| 1971 | 1,352.51 | 2,414.10 | 1,146.50 |
| 1972 | 1,350.58 | 2,346.04 | 1,134.47 |
| 1973 | 1,354.52 | 2,677.67 | 1,048.57 |
| 1974 | 1,457.73 | 2,455.52 | 1,154.07 |
| 1975 | 1,546.05 | 2,770.86 | 1,173.84 |
| 1976 | 1,569.24 | 2,917.25 | 1,143.44 |
| 1977 | 1,576.79 | 2,794.53 | 1,187.27 |
| 1978 | 1,701.98 | 2,759.81 | 1,319.64 |
| 1979 | 1,764.74 | 2,800.05 | 1,258.35 |
| 1980 | 1,905.71 | 2,933.91 | 1,519.89 |
| 1981 | 2,045.37 | 3,103.36 | 1,672.36 |
| 1982 | 2,085.55 | 3,291.47 | 1,488.96 |
| 1983 | 1,879.50 | 3,016.11 | 1,499.96 |
| 1984 | 2,038.09 | 3,440.31 | 1,549.51 |
| 1985 | 2,117.66 | 3,595.45 | 1,600.14 |
| 1986 | 2,087.97 | 3,547.18 | 1,509.68 |
| 1987 | 2,013.54 | 3,435.89 | 1,487.26 |
| 1988 | 1,861.87 | 3,420.53 | 1,375.88 |
| 1989 | 1,965.23 | 3,316.06 | 1,424.31 |
| 1990 | 2,086.82 | 3,621.49 | 1,615.40 |
| 1991 | 2,099.16 | 3,553.59 | 1,572.74 |
| 1992 | 2,420.65 | 3,951.57 | 1,855.04 |
| 1993 | 2,302.99 | 4,252.59 | 1,596.56 |
| 1994 | 2,184.83 | 4,275.32 | 1,416.19 |
| 1995 | 2,175.65 | 3,991.63 | 1,617.54 |
| 1996 | 2,228.59 | 4,245.07 | 1,693.08 |
| 1997 | 2,372.38 | 4,589.47 | 1,658.70 |
| 1998 | 2,276.23 | 4,508.01 | 1,702.10 |
| 1999 | 2,471.95 | 4,486.00 | 1,938.03 |
| 2000 | 2,137.66 | 4,644.16 | 1,616.61 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 2.1  
**México: Oferta y demanda total de arroz**  
(Toneladas)

| Año  | OFERTA     |               | OFERTA = DEMANDA         | DEMANDA                |          |                           |                |              |            |               |                                         |
|------|------------|---------------|--------------------------|------------------------|----------|---------------------------|----------------|--------------|------------|---------------|-----------------------------------------|
|      | Producción | Importaciones | (c = a+b)<br>(c = d+e-k) | Consumo aparente total | Semillas | Desperdicios <sup>1</sup> | Transformación | Alimentación | Otros usos | Exportaciones | Cambio en las existencias <sup>1*</sup> |
|      | (a)        | (b)           |                          | (d = e+f+g+h+i)        | (e)      | (f)                       | (g)            | (h)          | (i)        | (j)           | (k)                                     |
| 1961 | 332,944.0  | 337.0         | 333,281.0                | 257,566.0              | 8,034.0  | 16,646.0                  | 35,714.0       | 197,172.0    | 0.0        | 4,286.0       | 71,429.0                                |
| 1962 | 288,972.0  | 143.0         | 289,115.0                | 270,539.0              | 8,085.0  | 14,449.0                  | 40,000.0       | 208,005.0    | 0.0        | 90,004.0      | -71,428.0                               |
| 1963 | 296,373.0  | 2,712.0       | 299,085.0                | 298,885.0              | 7,956.0  | 14,829.0                  | 37,143.0       | 238,957.0    | 0.0        | 200.0         | 0.0                                     |
| 1964 | 274,430.0  | 54.0          | 274,484.0                | 274,484.0              | 8,286.0  | 13,718.0                  | 38,572.0       | 213,908.0    | 0.0        | 0.0           | 0.0                                     |
| 1965 | 377,531.0  | 25,476.0      | 403,007.0                | 322,977.0              | 9,158.0  | 18,877.0                  | 24,286.0       | 270,656.0    | 0.0        | 30.0          | 80,000.0                                |
| 1966 | 372,227.0  | 17,760.0      | 389,987.0                | 351,416.0              | 10,102.0 | 18,612.0                  | 22,857.0       | 299,845.0    | 0.0        | 0.0           | 38,571.0                                |
| 1967 | 417,888.0  | 47.0          | 417,935.0                | 370,792.0              | 8,323.0  | 20,894.0                  | 25,714.0       | 315,861.0    | 0.0        | 0.0           | 47,143.0                                |
| 1968 | 347,249.0  | 153.0         | 347,402.0                | 382,046.0              | 9,179.0  | 17,362.0                  | 21,857.0       | 333,648.0    | 0.0        | 65,356.0      | -100,000.0                              |
| 1969 | 394,938.0  | 7,064.0       | 402,002.0                | 394,859.0              | 8,998.0  | 19,746.0                  | 27,429.0       | 338,686.0    | 0.0        | 0.0           | 7,143.0                                 |
| 1970 | 405,385.0  | 23,287.0      | 428,672.0                | 414,386.0              | 9,214.0  | 20,269.0                  | 29,286.0       | 355,617.0    | 0.0        | 0.0           | 14,286.0                                |
| 1971 | 369,167.0  | 1,144.0       | 370,311.0                | 413,168.0              | 9,369.0  | 18,457.0                  | 21,143.0       | 364,199.0    | 0.0        | 0.0           | -42,857.0                               |
| 1972 | 403,192.0  | 946.0         | 404,138.0                | 431,588.0              | 9,024.0  | 20,160.0                  | 27,429.0       | 374,975.0    | 0.0        | 16,836.0      | -44,286.0                               |
| 1973 | 450,575.0  | 54,166.0      | 504,741.0                | 487,595.0              | 10,377.0 | 22,529.0                  | 27,143.0       | 427,546.0    | 0.0        | 17,146.0      | 0.0                                     |
| 1974 | 491,608.0  | 101,853.0     | 593,461.0                | 501,818.0              | 15,400.0 | 24,580.0                  | 28,571.0       | 433,267.0    | 0.0        | 5,929.0       | 85,714.0                                |
| 1975 | 716,628.0  | 9.0           | 716,637.0                | 516,637.0              | 9.0      | 516,637.0                 | 20,044.0       | 451,196.0    | 0.0        | 0.0           | 200,000.0                               |
| 1976 | 463,432.0  | 19.0          | 463,451.0                | 513,055.0              | 10,828.0 | 23,172.0                  | 20,853.0       | 458,402.0    | 0.0        | 396.0         | -50,000.0                               |
| 1977 | 567,338.0  | 123.0         | 567,461.0                | 534,301.0              | 7,279.0  | 28,367.0                  | 21,429.0       | 477,226.0    | 0.0        | 4,589.0       | 28,571.0                                |
| 1978 | 401,780.0  | 131.0         | 401,911.0                | 481,011.0              | 10,080.0 | 20,091.0                  | 21,429.0       | 429,411.0    | 0.0        | 85,186.0      | -164,286.0                              |
| 1979 | 493,794.0  | 50,969.0      | 544,763.0                | 540,104.0              | 9,240.0  | 24,690.0                  | 21,429.0       | 484,745.0    | 0.0        | 4,659.0       | 0.0                                     |
| 1980 | 445,364.0  | 132,980.0     | 578,344.0                | 549,773.0              | 11,580.0 | 22,588.0                  | 21,429.0       | 494,176.0    | 0.0        | 0.0           | 28,571.0                                |
| 1981 | 643,550.0  | 114,747.0     | 758,297.0                | 615,440.0              | 12,420.0 | 32,661.0                  | 21,429.0       | 548,930.0    | 0.0        | 0.0           | 142,857.0                               |
| 1982 | 511,000.0  | 30,967.0      | 541,967.0                | 599,110.0              | 9,900.0  | 25,552.0                  | 66,299.0       | 497,359.0    | 0.0        | 0.0           | -57,143.0                               |
| 1983 | 416,000.0  | 338.0         | 416,338.0                | 630,624.0              | 8,700.0  | 20,801.0                  | 69,300.0       | 531,823.0    | 0.0        | 0.0           | -214,286.0                              |
| 1984 | 484,024.0  | 243,507.0     | 727,531.0                | 727,531.0              | 16,200.0 | 24,201.0                  | 51,587.0       | 635,543.0    | 0.0        | 0.0           | 0.0                                     |
| 1985 | 807,529.0  | 285,046.0     | 1,092,575.0              | 792,575.0              | 11,820.0 | 40,376.0                  | 50,000.0       | 690,379.0    | 0.0        | 0.0           | 300,000.0                               |
| 1986 | 545,157.0  | 1,427.0       | 546,584.0                | 618,013.0              | 11,100.0 | 27,258.0                  | 51,429.0       | 528,226.0    | 0.0        | 0.0           | -71,429.0                               |
| 1987 | 591,099.0  | 3,204.0       | 594,303.0                | 536,946.0              | 10,500.0 | 29,591.0                  | 117,143.0      | 379,712.0    | 0.0        | 214.0         | 57,143.0                                |
| 1988 | 455,811.0  | 1,241.0       | 457,052.0                | 742,117.0              | 11,593.0 | 22,791.0                  | 141,462.0      | 566,271.0    | 0.0        | 650.0         | -285,715.0                              |
| 1989 | 527,118.0  | 261,698.0     | 788,816.0                | 788,237.0              | 7,176.0  | 27,219.0                  | 133,200.0      | 620,642.0    | 0.0        | 579.0         | 0.0                                     |
| 1990 | 394,388.0  | 232,794.0     | 627,182.0                | 613,153.0              | 5,746.0  | 20,625.0                  | 57,763.0       | 526,257.0    | 2,762.0    | 0.0           | 14,029.0                                |
| 1991 | 347,245.0  | 171,979.0     | 519,224.0                | 510,403.0              | 5,816.0  | 19,799.0                  | 78,090.0       | 406,247.0    | 451.0      | 38.0          | 8,783.0                                 |
| 1992 | 394,022.0  | 506,235.0     | 900,257.0                | 698,442.0              | 3,797.0  | 23,510.0                  | 85,543.0       | 584,719.0    | 873.0      | 5.0           | 201,810.0                               |
| 1993 | 287,180.0  | 419,380.0     | 706,560.0                | 750,760.0              | 5,800.0  | 24,819.0                  | 81,906.0       | 637,921.0    | 314.0      | 183.0         | -44,383.0                               |
| 1994 | 373,616.0  | 431,774.0     | 805,390.0                | 809,918.0              | 5,410.0  | 27,850.0                  | 78,840.0       | 697,818.0    | 0.0        | 48.0          | -4,576.0                                |
| 1995 | 367,030.0  | 377,165.0     | 744,195.0                | 736,275.0              | 5,482.0  | 31,599.0                  | 70,874.0       | 628,320.0    | 0.0        | 944.0         | 6,976.0                                 |
| 1996 | 394,075.0  | 497,444.0     | 891,519.0                | 883,539.0              | 7,082.0  | 40,140.0                  | 70,070.0       | 766,247.0    | 0.0        | 2,882.0       | 5,098.0                                 |
| 1997 | 469,455.0  | 459,845.0     | 929,300.0                | 940,259.0              | 6,420.0  | 43,776.0                  | 93,806.0       | 794,873.0    | 1,384.0    | 2,912.0       | -13,871.0                               |
| 1998 | 458,112.0  | 424,737.0     | 882,849.0                | 879,973.0              | nd       | nd                        | nd             | nd           | nd         | 2,876.0       | 0.0                                     |
| 1999 | 394,746.0  | 554,666.0     | 949,412.0                | 947,575.0              | nd       | nd                        | nd             | nd           | nd         | 1,837.0       | 0.0                                     |
| 2000 | 450,488.0  | nd            | 450,488.0                | nd                     | nd       | nd                        | nd             | nd           | nd         | nd            | nd                                      |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

<sup>2</sup> Avance de cosecha a junio del 2000.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1993, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 2.2**  
**México: Balance interno de arroz**  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 332,944.0  | 257,566.0              | 75,378.0        |
| 1962 | 288,972.0  | 270,539.0              | 18,433.0        |
| 1963 | 296,373.0  | 298,885.0              | -2,512.0        |
| 1964 | 274,430.0  | 274,484.0              | -54.0           |
| 1965 | 377,531.0  | 322,977.0              | 54,554.0        |
| 1966 | 372,227.0  | 351,416.0              | 20,811.0        |
| 1967 | 417,888.0  | 370,792.0              | 47,096.0        |
| 1968 | 347,249.0  | 382,046.0              | -34,797.0       |
| 1969 | 394,938.0  | 394,859.0              | 79.0            |
| 1970 | 405,385.0  | 414,386.0              | -9,001.0        |
| 1971 | 369,167.0  | 413,168.0              | -44,001.0       |
| 1972 | 403,192.0  | 431,588.0              | -28,396.0       |
| 1973 | 450,575.0  | 487,595.0              | -37,020.0       |
| 1974 | 491,608.0  | 501,818.0              | -10,210.0       |
| 1975 | 716,628.0  | 516,637.0              | 199,991.0       |
| 1976 | 463,432.0  | 513,055.0              | -49,623.0       |
| 1977 | 567,338.0  | 534,301.0              | 33,037.0        |
| 1978 | 401,780.0  | 481,011.0              | -79,231.0       |
| 1979 | 493,794.0  | 540,104.0              | -46,310.0       |
| 1980 | 445,364.0  | 549,773.0              | -104,409.0      |
| 1981 | 643,550.0  | 615,440.0              | 28,110.0        |
| 1982 | 511,000.0  | 599,110.0              | -88,110.0       |
| 1983 | 416,000.0  | 630,624.0              | -214,624.0      |
| 1984 | 484,024.0  | 727,531.0              | -243,507.0      |
| 1985 | 807,529.0  | 792,575.0              | 14,954.0        |
| 1986 | 545,157.0  | 618,013.0              | -72,856.0       |
| 1987 | 591,099.0  | 536,946.0              | 54,153.0        |
| 1988 | 455,811.0  | 742,117.0              | -286,306.0      |
| 1989 | 527,118.0  | 788,237.0              | -261,119.0      |
| 1990 | 394,388.0  | 613,153.0              | -218,765.0      |
| 1991 | 347,245.0  | 510,403.0              | -163,158.0      |
| 1992 | 394,022.0  | 698,442.0              | -304,420.0      |
| 1993 | 287,180.0  | 750,760.0              | -463,580.0      |
| 1994 | 373,616.0  | 809,918.0              | -436,302.0      |
| 1995 | 367,030.0  | 736,275.0              | -369,245.0      |
| 1996 | 394,075.0  | 883,539.0              | -489,464.0      |
| 1997 | 469,455.0  | 940,259.0              | -470,804.0      |
| 1998 | 458,112.0  | 879,973.0              | -421,861.0      |
| 1999 | 394,746.0  | 947,575.0              | -552,829.0      |
| 2000 | 450,488.0  | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 2.3

## México: Rendimiento de arroz por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 146,341.0                          | 332,944.0                 | 2.2751                              |
| 1962 | 133,904.0                          | 288,972.0                 | 2.1581                              |
| 1963 | 134,757.0                          | 296,373.0                 | 2.1993                              |
| 1964 | 132,594.0                          | 274,430.0                 | 2.0697                              |
| 1965 | 138,065.0                          | 377,531.0                 | 2.7344                              |
| 1966 | 152,642.0                          | 372,227.0                 | 2.4386                              |
| 1967 | 168,363.0                          | 417,888.0                 | 2.4821                              |
| 1968 | 138,712.0                          | 347,249.0                 | 2.5034                              |
| 1969 | 152,980.0                          | 394,938.0                 | 2.5816                              |
| 1970 | 149,973.0                          | 405,385.0                 | 2.7031                              |
| 1971 | 153,572.0                          | 369,167.0                 | 2.4039                              |
| 1972 | 156,145.0                          | 403,192.0                 | 2.5822                              |
| 1973 | 150,400.0                          | 450,575.0                 | 2.9958                              |
| 1974 | 172,949.0                          | 491,608.0                 | 2.8425                              |
| 1975 | 256,661.0                          | 716,628.0                 | 2.7921                              |
| 1976 | 159,410.0                          | 463,432.0                 | 2.9072                              |
| 1977 | 180,464.0                          | 567,338.0                 | 3.1438                              |
| 1978 | 121,314.0                          | 401,780.0                 | 3.3119                              |
| 1979 | 151,228.0                          | 493,794.0                 | 3.2652                              |
| 1980 | 127,477.0                          | 445,364.0                 | 3.4937                              |
| 1981 | 174,792.0                          | 643,550.0                 | 3.6818                              |
| 1982 | 156,809.0                          | 511,000.0                 | 3.2587                              |
| 1983 | 133,326.0                          | 416,000.0                 | 3.1202                              |
| 1984 | 125,896.0                          | 484,024.0                 | 3.8446                              |
| 1985 | 216,466.0                          | 807,529.0                 | 3.7305                              |
| 1986 | 157,430.0                          | 545,157.0                 | 3.4629                              |
| 1987 | 154,814.0                          | 591,099.0                 | 3.8181                              |
| 1988 | 126,670.0                          | 455,811.0                 | 3.5984                              |
| 1989 | 151,458.0                          | 527,118.0                 | 3.4803                              |
| 1990 | 105,402.0                          | 394,388.0                 | 3.7418                              |
| 1991 | 84,790.0                           | 347,245.0                 | 4.0954                              |
| 1992 | 90,420.0                           | 394,022.0                 | 4.3577                              |
| 1993 | 58,939.0                           | 287,180.0                 | 4.8725                              |
| 1994 | 87,796.0                           | 373,616.0                 | 4.2555                              |
| 1995 | 78,439.0                           | 367,030.0                 | 4.6792                              |
| 1996 | 86,778.0                           | 394,075.0                 | 4.5412                              |
| 1997 | 113,492.0                          | 469,455.0                 | 4.1365                              |
| 1998 | 101,600.0                          | 458,112.0                 | 4.5090                              |
| 1999 | 82,600.0                           | 394,746.0                 | 4.7790                              |
| 2000 | 97,900.0                           | 450,488.0                 | 4.6015                              |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 2.4

México: Producción y consumo de arroz por habitante  
(Kilogramos)

| Año  | Población Nacional | Producción /Población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 35,214,784         | 9.1935                | 7.1122                     | 2.0814                    |
| 1962 | 37,486,139         | 7.7088                | 7.2170                     | 0.4917                    |
| 1963 | 39,800,538         | 7.6384                | 7.7031                     | -0.0647                   |
| 1964 | 40,147,986         | 6.8355                | 6.8368                     | -0.0013                   |
| 1965 | 41,535,828         | 9.0893                | 7.7759                     | 1.3134                    |
| 1966 | 42,955,489         | 8.6654                | 8.1609                     | 0.4645                    |
| 1967 | 44,397,880         | 9.4123                | 8.3518                     | 1.0605                    |
| 1968 | 45,859,633         | 7.5720                | 8.3308                     | -0.7588                   |
| 1969 | 47,337,557         | 8.3430                | 8.3413                     | 0.0017                    |
| 1970 | 48,852,306         | 8.2982                | 8.4824                     | -0.1842                   |
| 1971 | 50,393,081         | 7.3257                | 8.1989                     | -0.8732                   |
| 1972 | 51,948,772         | 7.7613                | 8.3080                     | -0.5466                   |
| 1973 | 53,517,288         | 8.4192                | 9.1109                     | -0.6917                   |
| 1974 | 55,104,832         | 8.9213                | 9.1065                     | -0.1853                   |
| 1975 | 56,687,703         | 12.6417               | 9.1137                     | 3.5279                    |
| 1976 | 58,291,820         | 7.9602                | 8.8015                     | -0.8513                   |
| 1977 | 59,900,617         | 9.4713                | 8.9188                     | 0.5515                    |
| 1978 | 61,527,486         | 6.5301                | 7.8178                     | -1.2877                   |
| 1979 | 63,161,213         | 7.8180                | 8.6512                     | -0.7332                   |
| 1980 | 64,788,572         | 6.6741                | 8.4688                     | -1.6115                   |
| 1981 | 66,425,164         | 9.6883                | 9.2652                     | 0.4232                    |
| 1982 | 68,081,155         | 7.5057                | 8.7989                     | -1.2942                   |
| 1983 | 69,744,148         | 5.9647                | 9.0420                     | -3.0773                   |
| 1984 | 71,421,164         | 6.7770                | 10.1865                    | -3.4095                   |
| 1985 | 73,112,440         | 11.0450               | 10.8405                    | 0.2045                    |
| 1986 | 74,817,783         | 7.2865                | 8.2602                     | -0.9738                   |
| 1987 | 76,536,428         | 7.7231                | 7.0155                     | 0.7075                    |
| 1988 | 78,266,888         | 5.6238                | 9.4819                     | -3.6581                   |
| 1989 | 80,019,134         | 6.5874                | 9.6505                     | -3.2532                   |
| 1990 | 81,781,347         | 4.6225                | 7.4875                     | -2.8650                   |
| 1991 | 83,554,530         | 4.1559                | 6.1085                     | -1.9527                   |
| 1992 | 85,348,102         | 4.6186                | 8.1895                     | -3.5688                   |
| 1993 | 87,117,484         | 3.2965                | 8.6178                     | -5.3213                   |
| 1994 | 88,863,239         | 4.2044                | 9.1142                     | -4.9098                   |
| 1995 | 90,578,718         | 4.0521                | 8.1288                     | -4.0765                   |
| 1996 | 92,238,065         | 4.2728                | 9.5799                     | -5.3071                   |
| 1997 | 93,813,963         | 5.0041                | 10.0226                    | -5.0185                   |
| 1998 | 95,326,450         | 4.8057                | 9.2312                     | -4.4254                   |
| 1999 | 96,714,381         | 4.0816                | 9.7977                     | -5.7161                   |
| 2000 | 97,925,886         | 4.6003                | nd                         | nd                        |

Fuente: Elaborado por el CERP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 2.5  
México: Oferta y demanda total de arroz  
(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+e+f+g) | DEMANDA                |          |                           |                |              |            |               |                                        |
|------|------------|---------------|------------------------------------------------|------------------------|----------|---------------------------|----------------|--------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                                | Consumo aparente total | Semillas | Desperdicios <sup>1</sup> | Transformación | Alimentación | Otros usos | Exportaciones | Cambio en las existencias <sup>2</sup> |
|      | (a)        | (b)           |                                                | (d = a+(b+c))          | (e)      | (f)                       | (g)            | (h)          | (i)        | (j)           | (k)                                    |
| 1961 | 99.90      | 0.10          | 100.00                                         | 77.20                  | 3.12     | 6.46                      | 13.87          | 76.55        | 0.00       | 1.29          | 21.43                                  |
| 1962 | 99.95      | 0.05          | 100.00                                         | 93.57                  | 2.99     | 5.34                      | 14.79          | 76.89        | 0.00       | 31.13         | -24.71                                 |
| 1963 | 99.09      | 0.91          | 100.00                                         | 99.93                  | 2.66     | 4.96                      | 12.43          | 79.96        | 0.00       | 0.07          | 0.00                                   |
| 1964 | 99.98      | 0.02          | 100.00                                         | 100.00                 | 3.02     | 5.00                      | 14.06          | 77.93        | 0.00       | 0.00          | 0.00                                   |
| 1965 | 93.88      | 6.32          | 100.00                                         | 80.14                  | 2.84     | 5.84                      | 7.52           | 83.80        | 0.00       | 0.01          | 19.85                                  |
| 1966 | 95.45      | 4.55          | 100.00                                         | 90.11                  | 2.67     | 5.30                      | 6.50           | 85.32        | 0.00       | 0.00          | 9.89                                   |
| 1967 | 99.99      | 0.01          | 100.00                                         | 98.72                  | 2.24     | 5.63                      | 6.93           | 85.19        | 0.00       | 0.00          | 11.29                                  |
| 1968 | 99.96      | 0.04          | 100.00                                         | 109.97                 | 2.40     | 4.54                      | 5.72           | 87.33        | 0.00       | 18.81         | -28.79                                 |
| 1969 | 98.24      | 1.76          | 100.00                                         | 98.22                  | 2.28     | 5.00                      | 6.95           | 86.77        | 0.00       | 0.00          | 1.78                                   |
| 1970 | 94.57      | 5.43          | 100.00                                         | 96.67                  | 2.22     | 4.89                      | 7.07           | 85.82        | 0.00       | 0.00          | 3.33                                   |
| 1971 | 99.89      | 0.31          | 100.00                                         | 111.57                 | 2.27     | 4.47                      | 5.12           | 88.15        | 0.00       | 0.00          | -11.57                                 |
| 1972 | 99.77      | 0.23          | 100.00                                         | 106.79                 | 2.09     | 4.67                      | 6.36           | 86.68        | 0.00       | 4.17          | -10.96                                 |
| 1973 | 89.27      | 10.73         | 100.00                                         | 96.60                  | 2.13     | 4.62                      | 5.57           | 87.68        | 0.00       | 3.40          | 0.00                                   |
| 1974 | 82.84      | 17.16         | 100.00                                         | 84.96                  | 3.07     | 4.90                      | 5.69           | 86.34        | 0.00       | 1.00          | 14.44                                  |
| 1975 | 100.00     | 0.00          | 100.00                                         | 72.09                  | 1.66     | 6.94                      | 3.88           | 87.33        | 0.00       | 0.00          | 27.91                                  |
| 1976 | 100.00     | 0.00          | 100.00                                         | 110.70                 | 2.11     | 4.52                      | 4.03           | 89.36        | 0.00       | 0.09          | -10.79                                 |
| 1977 | 99.98      | 0.02          | 100.00                                         | 94.16                  | 1.36     | 5.31                      | 4.01           | 89.32        | 0.00       | 0.81          | 5.03                                   |
| 1978 | 99.97      | 0.03          | 100.00                                         | 119.68                 | 2.10     | 4.18                      | 4.45           | 89.27        | 0.00       | 21.20         | -40.88                                 |
| 1979 | 90.64      | 9.36          | 100.00                                         | 99.14                  | 1.71     | 4.57                      | 3.97           | 89.75        | 0.00       | 0.86          | 0.00                                   |
| 1980 | 77.01      | 22.99         | 100.00                                         | 95.06                  | 2.11     | 4.11                      | 3.90           | 89.69        | 0.00       | 0.00          | 4.94                                   |
| 1981 | 84.87      | 15.13         | 100.00                                         | 81.16                  | 2.02     | 5.31                      | 3.48           | 89.19        | 0.00       | 0.00          | 18.84                                  |
| 1982 | 94.29      | 5.71          | 100.00                                         | 110.54                 | 1.65     | 4.26                      | 11.07          | 83.02        | 0.00       | 0.00          | -10.54                                 |
| 1983 | 99.92      | 0.08          | 100.00                                         | 151.47                 | 1.38     | 3.30                      | 10.99          | 84.33        | 0.00       | 0.00          | -51.47                                 |
| 1984 | 66.53      | 33.47         | 100.00                                         | 100.00                 | 2.23     | 3.33                      | 7.09           | 87.36        | 0.00       | 0.00          | 0.00                                   |
| 1985 | 73.91      | 26.09         | 100.00                                         | 72.54                  | 1.49     | 5.09                      | 6.31           | 87.11        | 0.00       | 0.00          | 27.46                                  |
| 1986 | 99.74      | 0.26          | 100.00                                         | 113.07                 | 1.60     | 4.41                      | 8.32           | 85.47        | 0.00       | 0.00          | -13.07                                 |
| 1987 | 99.46      | 0.54          | 100.00                                         | 90.35                  | 1.96     | 5.51                      | 21.62          | 70.72        | 0.00       | 0.04          | 9.62                                   |
| 1988 | 99.73      | 0.27          | 100.00                                         | 162.37                 | 1.56     | 3.07                      | 19.06          | 75.30        | 0.00       | 0.14          | -62.51                                 |
| 1989 | 66.82      | 33.18         | 100.00                                         | 99.93                  | 0.91     | 3.45                      | 16.90          | 78.74        | 0.00       | 0.07          | 0.00                                   |
| 1990 | 62.88      | 37.12         | 100.00                                         | 97.76                  | 0.94     | 3.36                      | 9.42           | 85.83        | 0.45       | 0.00          | 2.24                                   |
| 1991 | 66.88      | 33.12         | 100.00                                         | 98.30                  | 1.14     | 3.88                      | 15.30          | 79.59        | 0.09       | 0.01          | 1.69                                   |
| 1992 | 43.77      | 56.23         | 100.00                                         | 77.58                  | 0.54     | 3.37                      | 12.25          | 83.72        | 0.12       | 0.00          | 22.42                                  |
| 1993 | 40.64      | 59.36         | 100.00                                         | 105.26                 | 0.77     | 3.31                      | 10.91          | 84.97        | 0.04       | 0.03          | -6.28                                  |
| 1994 | 46.39      | 53.61         | 100.00                                         | 100.95                 | 0.67     | 3.44                      | 9.73           | 86.16        | 0.00       | 0.01          | -0.57                                  |
| 1995 | 49.32      | 50.68         | 100.00                                         | 98.94                  | 0.74     | 4.29                      | 9.63           | 85.34        | 0.00       | 0.13          | 0.94                                   |
| 1996 | 44.20      | 55.80         | 100.00                                         | 99.10                  | 0.60     | 4.54                      | 7.93           | 86.72        | 0.00       | 0.32          | 0.57                                   |
| 1997 | 50.52      | 49.48         | 100.00                                         | 101.18                 | 0.68     | 4.66                      | 9.98           | 84.54        | 0.15       | 0.31          | -1.49                                  |
| 1998 | 51.89      | 48.11         | 100.00                                         | 99.67                  | nd       | nd                        | nd             | nd           | nd         | 0.33          | 0.00                                   |
| 1999 | 41.98      | 58.42         | 100.00                                         | 99.81                  | nd       | nd                        | nd             | nd           | nd         | 0.19          | 0.00                                   |
| 2000 | nd         | nd            | nd                                             | nd                     | nd       | nd                        | nd             | nd           | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

<sup>2</sup> El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumo aparente de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 2.6

### México: Superficie cosechada y producción por modalidad de arroz (Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 42                        | 58       | 100   | 67                        | 33       | 100   |
| 1971 | 41                        | 59       | 100   | 72                        | 28       | 100   |
| 1972 | 42                        | 58       | 100   | 61                        | 39       | 100   |
| 1973 | 39                        | 61       | 100   | 55                        | 45       | 100   |
| 1974 | 43                        | 57       | 100   | 63                        | 37       | 100   |
| 1975 | 49                        | 51       | 100   | 71                        | 29       | 100   |
| 1976 | 39                        | 61       | 100   | 58                        | 42       | 100   |
| 1977 | 60                        | 40       | 100   | 75                        | 25       | 100   |
| 1978 | 62                        | 38       | 100   | 78                        | 22       | 100   |
| 1979 | 72                        | 28       | 100   | 81                        | 19       | 100   |
| 1980 | 59                        | 41       | 100   | 73                        | 27       | 100   |
| 1981 | 62                        | 38       | 100   | 69                        | 31       | 100   |
| 1982 | 57                        | 43       | 100   | 67                        | 33       | 100   |
| 1983 | 42                        | 58       | 100   | 60                        | 40       | 100   |
| 1984 | 58                        | 42       | 100   | 72                        | 28       | 100   |
| 1985 | 61                        | 39       | 100   | 74                        | 26       | 100   |
| 1986 | 54                        | 46       | 100   | 64                        | 36       | 100   |
| 1987 | 51                        | 49       | 100   | 61                        | 39       | 100   |
| 1988 | 31                        | 69       | 100   | 42                        | 58       | 100   |
| 1989 | 56                        | 44       | 100   | 71                        | 29       | 100   |
| 1990 | 50                        | 50       | 100   | 61                        | 39       | 100   |
| 1991 | 52                        | 48       | 100   | 62                        | 38       | 100   |
| 1992 | 63                        | 37       | 100   | 70                        | 30       | 100   |
| 1993 | 45                        | 55       | 100   | 52                        | 48       | 100   |
| 1994 | 45                        | 55       | 100   | 59                        | 41       | 100   |
| 1995 | 53                        | 47       | 100   | 63                        | 37       | 100   |
| 1996 | 44                        | 56       | 100   | 56                        | 44       | 100   |
| 1997 | 46                        | 54       | 100   | 56                        | 44       | 100   |
| 1998 | 38                        | 62       | 100   | 50                        | 50       | 100   |
| 1999 | 40                        | 60       | 100   | 53                        | 47       | 100   |
| 2000 | 37                        | 63       | 100   | 48                        | 52       | 100   |

Fuente: Elaborado por el CEEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

CUADRO 2.7  
**México: Superficie cosechada y producción por modalidad de arroz**

| Año  | Superficie<br>(Hectáreas) |          |           | Producción<br>(Toneladas) |          |           |
|------|---------------------------|----------|-----------|---------------------------|----------|-----------|
|      | Riego                     | Temporal | Total     | Riego                     | Temporal | Total     |
| 1970 | 62,989                    | 86,984   | 149,973.0 | 272,259                   | 133,126  | 405,385.0 |
| 1971 | 63,236                    | 90,336   | 153,572.0 | 266,844                   | 102,323  | 369,167.0 |
| 1972 | 65,386                    | 90,759   | 156,145.0 | 244,116                   | 159,076  | 403,192.0 |
| 1973 | 58,155                    | 92,245   | 150,400.0 | 248,215                   | 202,360  | 450,575.0 |
| 1974 | 74,978                    | 97,971   | 172,949.0 | 310,752                   | 180,856  | 491,608.0 |
| 1975 | 124,835                   | 131,826  | 256,661.0 | 508,736                   | 207,892  | 716,628.0 |
| 1976 | 62,160                    | 97,250   | 159,410.0 | 266,673                   | 196,759  | 463,432.0 |
| 1977 | 108,278                   | 72,186   | 180,464.0 | 425,253                   | 142,085  | 567,338.0 |
| 1978 | 75,195                    | 46,119   | 121,314.0 | 311,829                   | 89,951   | 401,780.0 |
| 1979 | 108,163                   | 43,065   | 151,228.0 | 397,834                   | 95,960   | 493,794.0 |
| 1980 | 75,415                    | 52,062   | 127,477.0 | 324,688                   | 120,676  | 445,364.0 |
| 1981 | 109,180                   | 65,612   | 174,792.0 | 442,657                   | 200,893  | 643,550.0 |
| 1982 | 89,114                    | 67,695   | 156,809.0 | 344,809                   | 166,191  | 511,000.0 |
| 1983 | 56,122                    | 77,204   | 133,326.0 | 247,873                   | 168,127  | 416,000.0 |
| 1984 | 72,700                    | 53,196   | 125,896.0 | 346,622                   | 137,402  | 484,024.0 |
| 1985 | 132,776                   | 83,690   | 216,466.0 | 594,362                   | 213,167  | 807,529.0 |
| 1986 | 84,514                    | 72,916   | 157,430.0 | 349,992                   | 195,165  | 545,157.0 |
| 1987 | 79,510                    | 75,304   | 154,814.0 | 361,242                   | 229,857  | 591,099.0 |
| 1988 | 39,468                    | 87,202   | 126,670.0 | 189,328                   | 266,483  | 455,811.0 |
| 1989 | 85,109                    | 66,349   | 151,458.0 | 373,241                   | 153,877  | 527,118.0 |
| 1990 | 52,781                    | 52,621   | 105,402.0 | 239,320                   | 155,068  | 394,388.0 |
| 1991 | 44,353                    | 40,437   | 84,790.0  | 214,690                   | 132,555  | 347,245.0 |
| 1992 | 56,657                    | 33,763   | 90,420.0  | 277,609                   | 116,413  | 394,022.0 |
| 1993 | 26,690                    | 32,249   | 58,939.0  | 148,459                   | 138,721  | 287,180.0 |
| 1994 | 39,715                    | 48,081   | 87,796.0  | 221,900                   | 151,716  | 373,616.0 |
| 1995 | 41,887                    | 36,552   | 78,439.0  | 230,670                   | 136,360  | 367,030.0 |
| 1996 | 38,300                    | 48,478   | 86,778.0  | 219,997                   | 174,078  | 394,075.0 |
| 1997 | 52,318                    | 61,174   | 113,492.0 | 264,619                   | 204,836  | 469,455.0 |
| 1998 | 38,338                    | 63,262   | 101,600.0 | 227,884                   | 230,228  | 458,112.0 |
| 1999 | 33,447                    | 49,172   | 82,600.0  | 208,942                   | 185,804  | 394,746.0 |
| 2000 | 36,260                    | 61,617   | 97,900.0  | 217,656                   | 232,832  | 450,488.0 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

### CUADRO 2.8

#### México: Rendimientos, producción entre superficie cosechada de arroz

(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 2,703.05 | 4,322.34 | 1,530.46 |
| 1971 | 2,403.87 | 4,219.84 | 1,132.69 |
| 1972 | 2,582.16 | 3,733.48 | 1,752.72 |
| 1973 | 2,995.84 | 4,268.19 | 2,193.72 |
| 1974 | 2,842.50 | 4,144.58 | 1,846.01 |
| 1975 | 2,792.12 | 4,075.26 | 1,577.02 |
| 1976 | 2,907.17 | 4,290.12 | 2,023.22 |
| 1977 | 3,143.77 | 3,927.41 | 1,968.32 |
| 1978 | 3,311.90 | 4,146.96 | 1,950.39 |
| 1979 | 3,265.23 | 3,678.09 | 2,228.26 |
| 1980 | 3,493.68 | 4,305.35 | 2,317.93 |
| 1981 | 3,681.80 | 4,054.38 | 3,061.84 |
| 1982 | 3,258.74 | 3,869.30 | 2,455.00 |
| 1983 | 3,120.17 | 4,416.68 | 2,177.70 |
| 1984 | 3,844.63 | 4,767.83 | 2,582.95 |
| 1985 | 3,730.51 | 4,476.43 | 2,547.10 |
| 1986 | 3,462.85 | 4,141.23 | 2,676.57 |
| 1987 | 3,818.12 | 4,543.35 | 3,052.39 |
| 1988 | 3,598.41 | 4,797.00 | 3,055.93 |
| 1989 | 3,480.29 | 4,385.45 | 2,319.21 |
| 1990 | 3,741.75 | 4,534.21 | 2,946.88 |
| 1991 | 4,095.35 | 4,840.48 | 3,278.06 |
| 1992 | 4,357.69 | 4,899.82 | 3,447.95 |
| 1993 | 4,872.50 | 5,562.35 | 4,301.56 |
| 1994 | 4,255.50 | 5,587.31 | 3,155.43 |
| 1995 | 4,679.18 | 5,506.96 | 3,730.58 |
| 1996 | 4,541.19 | 5,744.05 | 3,590.86 |
| 1997 | 4,136.46 | 5,057.90 | 3,348.42 |
| 1998 | 4,508.98 | 5,944.02 | 3,639.30 |
| 1999 | 4,779.01 | 6,246.96 | 3,778.65 |
| 2000 | 4,601.51 | 6,002.65 | 3,778.70 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 3.1  
**México: Oferta y demanda total de cebada**  
(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+j-k) | DEMANDA                |          |                |                |              |            |               |          | Cambio en las existencias r |
|------|------------|---------------|----------------------------------------------|------------------------|----------|----------------|----------------|--------------|------------|---------------|----------|-----------------------------|
|      | Producción | Importaciones |                                              | Consumo aparente total | Semillas | Desperdicios 1 | Transformación | Alimentación | Otros usos | Exportaciones |          |                             |
|      | (a)        | (b)           |                                              | (d = e+f+g+h+i)        | (e)      | (f)            | (g)            | (h)          | (i)        | (j)           | (k)      |                             |
| 1961 | 174,132    | 32,987        | 207,119.0                                    | 185,083                | 20,570   | 9,632          | 6,099          | 147,778      | 1,004      | 44            | 21,992   |                             |
| 1962 | 151,115    | 34,591        | 185,706.0                                    | 179,613                | 18,663   | 11,622         | 5,761          | 143,351      | 216        | 1             | 6,092    |                             |
| 1963 | 185,616    | 14,435        | 200,051.0                                    | 182,800                | 20,118   | 10,585         | 5,898          | 146,000      | 199        | 14            | 17,237   |                             |
| 1964 | 170,564    | 43,390        | 213,954.0                                    | 203,916                | 21,232   | 11,314         | 6,295          | 164,865      | 210        | 0             | 10,038   |                             |
| 1965 | 193,235    | 96,632        | 289,867.0                                    | 215,554                | 20,126   | 12,037         | 8,603          | 174,656      | 132        | 0             | 74,313   |                             |
| 1966 | 220,063    | 34,591        | 254,654.0                                    | 229,273                | 22,999   | 11,922         | 7,544          | 186,707      | 101        | 0             | 25,381   |                             |
| 1967 | 203,373    | 5,761         | 209,134.0                                    | 228,824                | 23,416   | 12,590         | 7,392          | 185,289      | 137        | 0             | -19,690  |                             |
| 1968 | 252,706    | 4,274         | 256,980.0                                    | 234,471                | 20,841   | 12,248         | 7,617          | 193,659      | 106        | 0             | 22,509   |                             |
| 1969 | 212,477    | 3,341         | 215,818.0                                    | 246,846                | 22,573   | 11,204         | 7,638          | 205,357      | 74         | 0             | -31,028  |                             |
| 1970 | 237,563    | 4,094         | 241,657.0                                    | 262,598                | 23,167   | 11,060         | 8,187          | 220,085      | 99         | 0             | -20,941  |                             |
| 1971 | 270,332    | 4,106         | 274,438.0                                    | 243,333                | 61,220   | 10,872         | 8,158          | 162,974      | 109        | 0             | 31,105   |                             |
| 1972 | 310,073    | 4,547         | 314,620.0                                    | 307,197                | 75,404   | 13,122         | 9,370          | 209,241      | 60         | 19,548        | -12,125  |                             |
| 1973 | 392,360    | 57,216        | 449,576.0                                    | 370,114                | 119,698  | 8,668          | 13,449         | 228,297      | 2          | 493           | 78,969   |                             |
| 1974 | 250,391    | 123,381       | 373,772.0                                    | 421,885                | 124,468  | 14,323         | 12,396         | 270,689      | 9          | 1             | -48,114  |                             |
| 1975 | 440,254    | 155,122       | 595,376.0                                    | 451,190                | 173,686  | 18,177         | 17,802         | 241,513      | 12         | 46            | 144,140  |                             |
| 1976 | 549,226    | 4,360         | 553,586.0                                    | 444,860                | 172,304  | 12,270         | 16,545         | 243,741      | 0          | 158           | 108,568  |                             |
| 1977 | 417,785    | 161           | 417,946.0                                    | 496,236                | 171,683  | 14,569         | 16,138         | 293,846      | 0          | 50,681        | -128,971 |                             |
| 1978 | 505,274    | 86,921        | 592,195.0                                    | 505,972                | 170,353  | 17,874         | 17,766         | 299,979      | 0          | 202           | 86,021   |                             |
| 1979 | 367,545    | 43,889        | 411,434.0                                    | 598,392                | 223,984  | 17,247         | 17,143         | 340,018      | 0          | 160           | -187,118 |                             |
| 1980 | 529,858    | 243,114       | 772,972.0                                    | 621,499                | 259,180  | 15,093         | 23,189         | 324,037      | 0          | 510           | 150,963  |                             |
| 1981 | 559,180    | 124,977       | 684,157.0                                    | 621,521                | 261,032  | 14,964         | 20,525         | 325,000      | 0          | 136           | 62,500   |                             |
| 1982 | 396,149    | 18,578        | 414,727.0                                    | 533,090                | 249,545  | 15,939         | 18,884         | 248,722      | 0          | 361           | -118,724 |                             |
| 1983 | 556,714    | 121,356       | 678,070.0                                    | 577,007                | 288,017  | 15,516         | 20,325         | 253,149      | 0          | 85            | 100,978  |                             |
| 1984 | 618,987    | 122,640       | 741,627.0                                    | 616,052                | 298,106  | 14,182         | 22,249         | 281,515      | 0          | 618           | 124,957  |                             |
| 1985 | 536,182    | 38,418        | 574,600.0                                    | 589,056                | 265,229  | 15,279         | 17,232         | 291,316      | 0          | 422           | -14,878  |                             |
| 1986 | 514,734    | 3,817         | 518,551.0                                    | 592,312                | 247,735  | 15,868         | 18,555         | 310,154      | 0          | 333           | -74,084  |                             |
| 1987 | 616,688    | 558           | 617,246.0                                    | 606,044                | 257,826  | 14,643         | 18,517         | 315,058      | 0          | 497           | 10,705   |                             |
| 1988 | 349,590    | 7,939         | 357,529.0                                    | 618,413                | 265,143  | 14,420         | 17,314         | 321,176      | 360        | 268           | -261,152 |                             |
| 1989 | 435,035    | 204,922       | 639,957.0                                    | 663,661                | 279,097  | 13,388         | 17,582         | 344,410      | 9,184      | 0             | -23,704  |                             |
| 1990 | 491,941    | 199,315       | 691,256.0                                    | 767,957                | 313,390  | 14,792         | 18,995         | 416,194      | 4,586      | 508,657       | -585,358 |                             |
| 1991 | 580,196    | 158,062       | 738,258.0                                    | 778,082                | 344,044  | 15,411         | 19,932         | 391,828      | 6,867      | 465,672       | -505,496 |                             |
| 1992 | 549,966    | 218,344       | 768,310.0                                    | 660,767                | 287,369  | 14,177         | 20,460         | 331,088      | 7,673      | 55,327        | 52,216   |                             |
| 1993 | 540,529    | 190,208       | 730,737.0                                    | 639,720                | 285,988  | 6,845          | 19,232         | 323,847      | 3,808      | 26,980        | 64,037   |                             |
| 1994 | 307,266    | 184,207       | 491,473.0                                    | 646,278                | 163,001  | 12,783         | 15,029         | 451,252      | 4,213      | 35,493        | -190,298 |                             |
| 1995 | 486,636    | 189,535       | 676,171.0                                    | 692,580                | 196,257  | 15,718         | 16,652         | 438,989      | 24,964     | 2,135         | -18,544  |                             |
| 1996 | 585,754    | 357,196       | 942,950.0                                    | 1,020,356              | 475,001  | 13,277         | 26,576         | 500,400      | 5,102      | 1,574         | -78,980  |                             |
| 1997 | 470,671    | 258,756       | 729,427.0                                    | 749,119                | 177,120  | 16,283         | 19,311         | 529,771      | 6,634      | 5,495         | -25,187  |                             |
| 1998 | 410,766    | 286,783       | 697,549.0                                    | 697,547                | nd       | nd             | nd             | nd           | nd         | 2             | 0        |                             |
| 1999 | 466,145    | 335,008       | 801,153.0                                    | 801,148                | nd       | nd             | nd             | nd           | nd         | 5             | 0        |                             |
| 2000 | 531,912    | nd            | 531,912                                      | nd                     | nd       | nd             | nd             | nd           | nd         | nd            | nd       |                             |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

<sup>2</sup> Avance de cosecha a junio del 2000.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 3.2  
**México: Balance interno de cebada**  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 174,132.0  | 185,083.0              | -10,951.0       |
| 1962 | 151,115.0  | 179,613.0              | -28,498.0       |
| 1963 | 185,616.0  | 182,800.0              | 2,816.0         |
| 1964 | 170,564.0  | 203,916.0              | -33,352.0       |
| 1965 | 193,235.0  | 215,554.0              | -22,319.0       |
| 1966 | 220,063.0  | 229,273.0              | -9,210.0        |
| 1967 | 203,373.0  | 228,824.0              | -25,451.0       |
| 1968 | 252,706.0  | 234,471.0              | 18,235.0        |
| 1969 | 212,477.0  | 246,846.0              | -34,369.0       |
| 1970 | 237,563.0  | 262,598.0              | -25,035.0       |
| 1971 | 270,332.0  | 243,333.0              | 26,999.0        |
| 1972 | 310,073.0  | 307,197.0              | 2,876.0         |
| 1973 | 392,360.0  | 370,114.0              | 22,246.0        |
| 1974 | 250,391.0  | 421,885.0              | -171,494.0      |
| 1975 | 440,254.0  | 451,190.0              | -10,936.0       |
| 1976 | 549,226.0  | 444,860.0              | 104,366.0       |
| 1977 | 417,785.0  | 496,236.0              | -78,451.0       |
| 1978 | 505,274.0  | 505,972.0              | -698.0          |
| 1979 | 367,545.0  | 598,392.0              | -230,847.0      |
| 1980 | 529,858.0  | 621,499.0              | -91,641.0       |
| 1981 | 559,180.0  | 621,521.0              | -62,341.0       |
| 1982 | 396,149.0  | 533,090.0              | -136,941.0      |
| 1983 | 556,714.0  | 577,007.0              | -20,293.0       |
| 1984 | 618,987.0  | 616,052.0              | 2,935.0         |
| 1985 | 536,182.0  | 589,056.0              | -52,874.0       |
| 1986 | 514,734.0  | 592,312.0              | -77,578.0       |
| 1987 | 616,688.0  | 606,044.0              | 10,644.0        |
| 1988 | 349,590.0  | 618,413.0              | -268,823.0      |
| 1989 | 435,035.0  | 663,661.0              | -228,626.0      |
| 1990 | 491,941.0  | 767,957.0              | -276,016.0      |
| 1991 | 580,196.0  | 778,082.0              | -197,886.0      |
| 1992 | 549,966.0  | 660,767.0              | -110,801.0      |
| 1993 | 540,529.0  | 639,720.0              | -99,191.0       |
| 1994 | 307,266.0  | 646,278.0              | -339,012.0      |
| 1995 | 486,636.0  | 692,580.0              | -205,944.0      |
| 1996 | 585,754.0  | 1,020,356.0            | -434,602.0      |
| 1997 | 470,671.0  | 749,119.0              | -278,448.0      |
| 1998 | 410,766.0  | 697,547.0              | -286,781.0      |
| 1999 | 466,145.0  | 801,148.0              | -335,003.0      |
| 2000 | 531,912.0  | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 3.3

México: Rendimiento de la cebada por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 233,103                            | 174,132.0                 | 0.7470                              |
| 1962 | 192,645                            | 151,115.0                 | 0.7844                              |
| 1963 | 232,423                            | 185,616.0                 | 0.7986                              |
| 1964 | 211,709                            | 170,564.0                 | 0.8057                              |
| 1965 | 226,285                            | 193,235.0                 | 0.8539                              |
| 1966 | 240,750                            | 220,063.0                 | 0.9141                              |
| 1967 | 238,461                            | 203,373.0                 | 0.8529                              |
| 1968 | 251,829                            | 252,706.0                 | 1.0035                              |
| 1969 | 244,965                            | 212,477.0                 | 0.8674                              |
| 1970 | 224,051                            | 237,563.0                 | 1.0603                              |
| 1971 | 221,199                            | 270,332.0                 | 1.2221                              |
| 1972 | 217,401                            | 310,073.0                 | 1.4263                              |
| 1973 | 262,461                            | 392,360.0                 | 1.4949                              |
| 1974 | 173,353                            | 250,391.0                 | 1.4444                              |
| 1975 | 286,464                            | 440,254.0                 | 1.5369                              |
| 1976 | 363,518                            | 549,226.0                 | 1.5109                              |
| 1977 | 248,481                            | 417,785.0                 | 1.6814                              |
| 1978 | 296,391                            | 505,274.0                 | 1.7048                              |
| 1979 | 250,295                            | 367,545.0                 | 1.4684                              |
| 1980 | 319,315                            | 529,858.0                 | 1.6594                              |
| 1981 | 271,327                            | 559,180.0                 | 2.0609                              |
| 1982 | 229,441                            | 396,149.0                 | 1.7266                              |
| 1983 | 303,621                            | 556,714.0                 | 1.8336                              |
| 1984 | 283,121                            | 618,987.0                 | 2.1863                              |
| 1985 | 280,529                            | 536,182.0                 | 1.9113                              |
| 1986 | 266,485                            | 514,734.0                 | 1.9316                              |
| 1987 | 286,225                            | 616,688.0                 | 2.1546                              |
| 1988 | 247,214                            | 349,590.0                 | 1.4141                              |
| 1989 | 263,526                            | 435,035.0                 | 1.6508                              |
| 1990 | 262,840                            | 491,941.0                 | 1.8716                              |
| 1991 | 284,096                            | 580,196.0                 | 2.0423                              |
| 1992 | 289,974                            | 549,966.0                 | 1.8966                              |
| 1993 | 234,156                            | 540,529.0                 | 2.3084                              |
| 1994 | 115,815                            | 307,266.0                 | 2.6531                              |
| 1995 | 246,407                            | 486,636.0                 | 1.9749                              |
| 1996 | 283,295                            | 585,754.0                 | 2.0676                              |
| 1997 | 243,522                            | 470,671.0                 | 1.9328                              |
| 1998 | 267,500                            | 410,766.0                 | 1.5356                              |
| 1999 | 213,600                            | 466,145.0                 | 2.1823                              |
| 2000 | 315,200                            | 531,912.0                 | 1.6875                              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 3.4

México: Producción y consumo de la cebada por habitante  
(Kilogramos)

| Año  | Población Nacional | Producción /Población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 35,214,784         | 4.8083                | 5.1107                     | -0.3024                   |
| 1962 | 37,486,139         | 4.0312                | 4.7915                     | -0.7602                   |
| 1963 | 39,800,538         | 4.7939                | 4.7113                     | 0.0726                    |
| 1964 | 40,147,996         | 4.2484                | 5.0791                     | -0.8307                   |
| 1965 | 41,536,828         | 4.6522                | 5.1896                     | -0.5373                   |
| 1966 | 42,956,469         | 5.1230                | 5.3376                     | -0.2144                   |
| 1967 | 44,387,890         | 4.5907                | 5.1539                     | -0.5732                   |
| 1968 | 45,859,533         | 5.5104                | 5.1128                     | 0.3976                    |
| 1969 | 47,337,557         | 4.4886                | 5.2146                     | -0.7260                   |
| 1970 | 48,852,306         | 4.8629                | 5.3753                     | -0.5125                   |
| 1971 | 50,393,091         | 5.3645                | 4.8267                     | 0.5368                    |
| 1972 | 51,948,772         | 5.9668                | 5.9136                     | 0.0554                    |
| 1973 | 53,517,798         | 7.3314                | 6.9157                     | 0.4157                    |
| 1974 | 55,104,832         | 4.5439                | 7.6560                     | -3.1121                   |
| 1975 | 56,687,703         | 7.7663                | 7.9892                     | -0.1929                   |
| 1976 | 58,291,820         | 9.4220                | 7.6316                     | 1.7904                    |
| 1977 | 59,900,617         | 6.9746                | 8.2843                     | -1.3097                   |
| 1978 | 61,527,496         | 8.2122                | 8.2236                     | -0.0113                   |
| 1979 | 63,161,213         | 5.8192                | 9.4740                     | -3.6549                   |
| 1980 | 64,788,572         | 8.1763                | 9.5927                     | -1.4145                   |
| 1981 | 66,425,164         | 8.4182                | 9.3567                     | -0.9385                   |
| 1982 | 68,061,156         | 5.8188                | 7.8302                     | -2.0114                   |
| 1983 | 69,744,148         | 7.9822                | 8.2732                     | -0.2910                   |
| 1984 | 71,421,164         | 8.6967                | 8.6296                     | 0.0411                    |
| 1985 | 73,112,440         | 7.3337                | 8.0909                     | -0.7232                   |
| 1986 | 74,817,793         | 6.8798                | 7.9167                     | -1.0369                   |
| 1987 | 76,536,428         | 8.0574                | 7.9184                     | 0.1391                    |
| 1988 | 78,266,888         | 4.4666                | 7.9013                     | -3.4347                   |
| 1989 | 80,019,134         | 5.4366                | 8.2938                     | -2.8571                   |
| 1990 | 81,781,347         | 6.0163                | 9.3904                     | -3.3750                   |
| 1991 | 83,554,530         | 6.9439                | 9.3123                     | -2.3683                   |
| 1992 | 85,348,102         | 6.4438                | 7.7420                     | -1.2982                   |
| 1993 | 87,117,464         | 6.2046                | 7.3432                     | -1.1386                   |
| 1994 | 88,863,239         | 3.4577                | 7.2727                     | -3.8150                   |
| 1995 | 90,578,718         | 5.3725                | 7.6462                     | -2.2736                   |
| 1996 | 92,228,066         | 6.3511                | 11.0634                    | -4.7123                   |
| 1997 | 93,813,963         | 5.0171                | 7.9852                     | -2.9681                   |
| 1998 | 95,326,460         | 4.3060                | 7.3175                     | -3.0084                   |
| 1999 | 96,714,391         | 4.8198                | 8.2836                     | -3.4638                   |
| 2000 | 97,925,896         | 5.4318                | nd                         | nd                        |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, 2000, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 3.6  
México: Oferta y demanda total de cebada  
(Porcentaje)

| Año  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+e+f) | DEMANDA                |          |                           |                |              |            |               |                                        |
|------|------------|---------------|----------------------------------------------|------------------------|----------|---------------------------|----------------|--------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                              | Consumo aparente total | Semillas | Desperdicios <sup>1</sup> | Transformación | Alimentación | Otros usos | Exportaciones | Cambio en las existencias <sup>2</sup> |
|      | (a)        | (b)           |                                              | (d = a+(g+h))          | (e)      | (f)                       | (g)            | (h)          | (i)        | (j)           | (k)                                    |
| 1961 | 84.07      | 15.93         | 100.00                                       | 89.36                  | 11.11    | 5.20                      | 3.30           | 79.84        | 0.54       | 0.02          | 10.62                                  |
| 1962 | 81.37      | 18.63         | 100.00                                       | 95.72                  | 10.39    | 6.47                      | 3.21           | 79.81        | 0.12       | 0.00          | 3.28                                   |
| 1963 | 92.78      | 7.22          | 100.00                                       | 91.38                  | 11.01    | 5.79                      | 3.23           | 79.87        | 0.11       | 0.01          | 8.62                                   |
| 1964 | 79.72      | 20.28         | 100.00                                       | 95.31                  | 10.41    | 5.55                      | 3.09           | 80.85        | 0.10       | 0.00          | 4.69                                   |
| 1965 | 66.66      | 33.34         | 100.00                                       | 74.36                  | 9.34     | 5.68                      | 3.99           | 61.03        | 0.06       | 0.00          | 25.64                                  |
| 1966 | 85.42      | 13.58         | 100.00                                       | 90.03                  | 10.09    | 5.20                      | 3.29           | 81.43        | 0.04       | 0.00          | 9.57                                   |
| 1967 | 97.25      | 2.75          | 100.00                                       | 109.42                 | 10.23    | 5.50                      | 3.23           | 80.97        | 0.06       | 0.00          | -9.42                                  |
| 1968 | 98.34      | 1.66          | 100.00                                       | 91.24                  | 8.89     | 5.22                      | 3.25           | 82.59        | 0.05       | 0.00          | 8.76                                   |
| 1969 | 98.45      | 1.55          | 100.00                                       | 114.39                 | 9.14     | 4.54                      | 3.09           | 83.19        | 0.03       | 0.00          | -14.39                                 |
| 1970 | 98.31      | 1.69          | 100.00                                       | 108.67                 | 8.82     | 4.21                      | 3.12           | 83.81        | 0.04       | 0.00          | -8.67                                  |
| 1971 | 98.50      | 1.50          | 100.00                                       | 88.67                  | 25.16    | 4.47                      | 3.35           | 66.98        | 0.04       | 0.00          | 11.33                                  |
| 1972 | 98.55      | 1.45          | 100.00                                       | 97.64                  | 24.55    | 4.27                      | 3.05           | 68.11        | 0.02       | 5.21          | -3.85                                  |
| 1973 | 87.27      | 12.73         | 100.00                                       | 82.33                  | 32.34    | 2.34                      | 3.63           | 61.68        | 0.00       | 0.11          | 17.57                                  |
| 1974 | 66.99      | 33.01         | 100.00                                       | 112.87                 | 29.60    | 3.40                      | 2.94           | 64.16        | 0.00       | 0.00          | -12.87                                 |
| 1975 | 73.95      | 26.05         | 100.00                                       | 75.78                  | 38.60    | 4.03                      | 3.95           | 53.53        | 0.00       | 0.01          | 24.21                                  |
| 1976 | 99.21      | 0.79          | 100.00                                       | 80.36                  | 38.73    | 2.76                      | 3.72           | 54.79        | 0.00       | 0.03          | 19.61                                  |
| 1977 | 99.96      | 0.04          | 100.00                                       | 118.73                 | 34.60    | 2.94                      | 3.25           | 59.21        | 0.00       | 12.13         | -30.85                                 |
| 1978 | 85.32      | 14.68         | 100.00                                       | 85.44                  | 33.67    | 3.53                      | 3.51           | 59.29        | 0.00       | 0.03          | 14.53                                  |
| 1979 | 89.33      | 10.67         | 100.00                                       | 145.44                 | 37.43    | 2.99                      | 2.86           | 56.82        | 0.00       | 0.04          | -45.48                                 |
| 1980 | 88.55      | 31.45         | 100.00                                       | 80.40                  | 41.70    | 2.43                      | 3.73           | 52.14        | 0.00       | 0.07          | 19.53                                  |
| 1981 | 81.73      | 18.27         | 100.00                                       | 90.84                  | 42.00    | 2.41                      | 3.30           | 52.29        | 0.00       | 0.02          | 9.14                                   |
| 1982 | 95.52      | 4.48          | 100.00                                       | 128.54                 | 46.81    | 2.99                      | 3.54           | 46.66        | 0.00       | 0.09          | -28.63                                 |
| 1983 | 82.10      | 17.90         | 100.00                                       | 85.10                  | 49.92    | 2.69                      | 3.52           | 43.87        | 0.00       | 0.01          | 14.89                                  |
| 1984 | 83.46      | 16.54         | 100.00                                       | 83.07                  | 48.39    | 2.30                      | 3.61           | 45.70        | 0.00       | 0.08          | 16.85                                  |
| 1985 | 93.31      | 6.69          | 100.00                                       | 102.52                 | 45.03    | 2.59                      | 2.93           | 49.45        | 0.00       | 0.07          | -2.59                                  |
| 1986 | 99.26      | 0.74          | 100.00                                       | 114.22                 | 41.83    | 2.68                      | 3.13           | 52.36        | 0.00       | 0.06          | -14.29                                 |
| 1987 | 99.91      | 0.09          | 100.00                                       | 98.19                  | 42.54    | 2.42                      | 3.06           | 51.99        | 0.00       | 0.08          | 1.73                                   |
| 1988 | 97.78      | 2.22          | 100.00                                       | 172.97                 | 42.87    | 2.33                      | 2.80           | 51.94        | 0.05       | 0.07          | -73.04                                 |
| 1989 | 67.96      | 32.02         | 100.00                                       | 103.70                 | 42.05    | 2.02                      | 2.65           | 51.90        | 1.38       | 0.00          | -3.70                                  |
| 1990 | 71.17      | 28.83         | 100.00                                       | 111.10                 | 40.81    | 1.93                      | 2.47           | 54.19        | 0.60       | 73.99         | -84.68                                 |
| 1991 | 78.59      | 21.41         | 100.00                                       | 105.39                 | 44.22    | 1.98                      | 2.56           | 50.35        | 0.88       | 63.08         | -68.47                                 |
| 1992 | 71.58      | 28.42         | 100.00                                       | 86.00                  | 43.49    | 2.15                      | 3.10           | 50.11        | 1.16       | 7.20          | 6.80                                   |
| 1993 | 73.97      | 26.03         | 100.00                                       | 87.54                  | 44.71    | 1.07                      | 3.01           | 50.62        | 0.60       | 3.69          | 8.76                                   |
| 1994 | 62.52      | 37.48         | 100.00                                       | 131.50                 | 25.22    | 1.98                      | 2.33           | 69.82        | 0.65       | 7.22          | -38.72                                 |
| 1995 | 71.97      | 28.03         | 100.00                                       | 102.43                 | 28.34    | 2.27                      | 2.40           | 63.38        | 3.60       | 0.32          | -2.74                                  |
| 1996 | 62.12      | 37.88         | 100.00                                       | 108.21                 | 45.55    | 1.30                      | 2.60           | 49.04        | 0.50       | 0.17          | -8.38                                  |
| 1997 | 64.53      | 35.47         | 100.00                                       | 102.70                 | 23.64    | 2.17                      | 2.58           | 70.72        | 0.89       | 0.75          | -3.45                                  |
| 1998 | 98.89      | 41.11         | 100.00                                       | 100.00                 | nd       | nd                        | nd             | nd           | nd         | 0.00          | 0.00                                   |
| 1999 | 68.18      | 41.82         | 100.00                                       | 100.00                 | nd       | nd                        | nd             | nd           | nd         | 0.00          | 0.00                                   |
| 2000 | nd         | nd            | nd                                           | nd                     | nd       | nd                        | nd             | nd           | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CBP de la Honorable Cámara de Diputados en base a datos de la SAGH, Consumos aparentes de productos agrícolas, SAGH, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 3.6

### México: Superficie cosechada y producción por modalidad de (Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 13                        | 87       | 100   | 39                        | 61       | 100   |
| 1971 | 14                        | 86       | 100   | 37                        | 63       | 100   |
| 1972 | 15                        | 85       | 100   | 35                        | 65       | 100   |
| 1973 | 16                        | 84       | 100   | 39                        | 61       | 100   |
| 1974 | 25                        | 75       | 100   | 60                        | 40       | 100   |
| 1975 | 17                        | 83       | 100   | 42                        | 58       | 100   |
| 1976 | 18                        | 82       | 100   | 38                        | 62       | 100   |
| 1977 | 29                        | 71       | 100   | 54                        | 46       | 100   |
| 1978 | 16                        | 84       | 100   | 31                        | 69       | 100   |
| 1979 | 20                        | 80       | 100   | 48                        | 52       | 100   |
| 1980 | 16                        | 84       | 100   | 30                        | 70       | 100   |
| 1981 | 19                        | 81       | 100   | 33                        | 67       | 100   |
| 1982 | 26                        | 74       | 100   | 50                        | 50       | 100   |
| 1983 | 16                        | 84       | 100   | 29                        | 71       | 100   |
| 1984 | 19                        | 81       | 100   | 33                        | 67       | 100   |
| 1985 | 15                        | 85       | 100   | 30                        | 70       | 100   |
| 1986 | 24                        | 76       | 100   | 43                        | 57       | 100   |
| 1987 | 22                        | 78       | 100   | 43                        | 57       | 100   |
| 1988 | 22                        | 78       | 100   | 55                        | 45       | 100   |
| 1989 | 14                        | 86       | 100   | 27                        | 73       | 100   |
| 1990 | 16                        | 84       | 100   | 31                        | 69       | 100   |
| 1991 | 18                        | 82       | 100   | 36                        | 64       | 100   |
| 1992 | 17                        | 83       | 100   | 36                        | 64       | 100   |
| 1993 | 23                        | 77       | 100   | 44                        | 56       | 100   |
| 1994 | 32                        | 68       | 100   | 54                        | 46       | 100   |
| 1995 | 15                        | 85       | 100   | 37                        | 63       | 100   |
| 1996 | 10                        | 90       | 100   | 24                        | 76       | 100   |
| 1997 | 10                        | 90       | 100   | 25                        | 75       | 100   |
| 1998 | 8                         | 92       | 100   | 22                        | 78       | 100   |
| 1999 | 17                        | 83       | 100   | 36                        | 64       | 100   |
| 2000 | 12                        | 88       | 100   | 33                        | 67       | 100   |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 3.7

### México: Superficie cosechada y producción por modalidad de cebada

| Año  | Superficie<br>(Hectáreas) |          |         | Producción<br>(Toneladas) |          |         |
|------|---------------------------|----------|---------|---------------------------|----------|---------|
|      | Riego                     | Temporal | Total   | Riego                     | Temporal | Total   |
| 1970 | 30,007                    | 194,044  | 224,051 | 93,827                    | 143,736  | 237,563 |
| 1971 | 31,028                    | 190,171  | 221,199 | 100,123                   | 170,209  | 270,332 |
| 1972 | 32,059                    | 185,342  | 217,401 | 110,026                   | 200,047  | 310,073 |
| 1973 | 43,076                    | 219,385  | 262,461 | 152,140                   | 240,220  | 392,360 |
| 1974 | 44,090                    | 129,263  | 173,353 | 150,235                   | 100,156  | 250,391 |
| 1975 | 48,078                    | 238,386  | 286,464 | 184,106                   | 256,148  | 440,254 |
| 1976 | 64,914                    | 298,604  | 363,518 | 206,085                   | 343,141  | 549,226 |
| 1977 | 71,138                    | 177,343  | 248,481 | 225,884                   | 191,901  | 417,785 |
| 1978 | 46,061                    | 250,330  | 296,391 | 156,085                   | 349,189  | 505,274 |
| 1979 | 51,060                    | 199,235  | 250,295 | 174,784                   | 192,761  | 367,545 |
| 1980 | 50,382                    | 268,933  | 319,315 | 157,503                   | 372,355  | 529,858 |
| 1981 | 52,334                    | 218,993  | 271,327 | 185,210                   | 373,970  | 559,180 |
| 1982 | 60,204                    | 169,237  | 229,441 | 199,169                   | 196,980  | 396,149 |
| 1983 | 48,514                    | 255,107  | 303,621 | 159,423                   | 397,291  | 556,714 |
| 1984 | 52,760                    | 230,361  | 283,121 | 206,237                   | 412,750  | 618,987 |
| 1985 | 42,990                    | 237,539  | 280,529 | 158,319                   | 377,863  | 536,182 |
| 1986 | 63,564                    | 202,921  | 266,485 | 220,424                   | 294,310  | 514,734 |
| 1987 | 61,835                    | 224,390  | 286,225 | 266,319                   | 350,369  | 616,688 |
| 1988 | 54,116                    | 193,098  | 247,214 | 190,557                   | 159,033  | 349,590 |
| 1989 | 36,598                    | 226,928  | 263,526 | 116,643                   | 318,392  | 435,035 |
| 1990 | 41,486                    | 221,354  | 262,840 | 154,137                   | 337,804  | 491,941 |
| 1991 | 51,167                    | 232,929  | 284,096 | 206,444                   | 373,752  | 580,196 |
| 1992 | 48,184                    | 241,790  | 289,974 | 197,009                   | 352,957  | 549,966 |
| 1993 | 53,375                    | 180,781  | 234,156 | 236,998                   | 303,531  | 540,529 |
| 1994 | 37,261                    | 78,554   | 115,815 | 167,249                   | 140,017  | 307,266 |
| 1995 | 38,018                    | 208,389  | 246,407 | 181,987                   | 304,649  | 486,636 |
| 1996 | 27,670                    | 255,625  | 283,295 | 142,950                   | 442,804  | 585,754 |
| 1997 | 24,264                    | 219,258  | 243,522 | 115,347                   | 355,324  | 470,671 |
| 1998 | 21,471                    | 244,229  | 265,700 | 89,863                    | 320,903  | 410,766 |
| 1999 | 37,157                    | 176,452  | 213,600 | 168,359                   | 297,786  | 466,145 |
| 2000 | 36,051                    | 276,026  | 315,200 | 176,541                   | 355,371  | 531,912 |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 3.8

### México: Rendimientos, producción entre superficie cosechada de cebada

(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 1,060.31 | 3,126.87 | 740.74   |
| 1971 | 1,222.12 | 3,226.87 | 895.03   |
| 1972 | 1,426.27 | 3,431.97 | 1,079.34 |
| 1973 | 1,494.93 | 3,531.92 | 1,094.97 |
| 1974 | 1,444.40 | 3,407.47 | 774.83   |
| 1975 | 1,536.86 | 3,829.33 | 1,074.51 |
| 1976 | 1,510.86 | 3,174.74 | 1,149.15 |
| 1977 | 1,681.36 | 3,175.30 | 1,082.09 |
| 1978 | 1,704.75 | 3,388.67 | 1,394.91 |
| 1979 | 1,468.45 | 3,423.09 | 967.51   |
| 1980 | 1,659.36 | 3,126.18 | 1,384.56 |
| 1981 | 2,060.91 | 3,539.00 | 1,707.68 |
| 1982 | 1,726.58 | 3,308.24 | 1,163.93 |
| 1983 | 1,833.58 | 3,286.12 | 1,557.35 |
| 1984 | 2,186.30 | 3,908.97 | 1,791.75 |
| 1985 | 1,911.32 | 3,682.69 | 1,590.74 |
| 1986 | 1,931.57 | 3,467.74 | 1,450.37 |
| 1987 | 2,154.56 | 4,306.93 | 1,561.43 |
| 1988 | 1,414.12 | 3,521.27 | 823.59   |
| 1989 | 1,650.82 | 3,187.14 | 1,403.05 |
| 1990 | 1,871.64 | 3,715.40 | 1,526.08 |
| 1991 | 2,042.25 | 4,034.71 | 1,604.57 |
| 1992 | 1,896.60 | 4,088.68 | 1,459.77 |
| 1993 | 2,308.41 | 4,440.24 | 1,679.00 |
| 1994 | 2,653.08 | 4,488.58 | 1,782.43 |
| 1995 | 1,974.93 | 4,786.86 | 1,461.92 |
| 1996 | 2,067.65 | 5,166.25 | 1,732.24 |
| 1997 | 1,932.77 | 4,753.83 | 1,620.57 |
| 1998 | 1,545.98 | 4,185.39 | 1,313.94 |
| 1999 | 2,182.33 | 4,531.02 | 1,687.63 |
| 2000 | 1,687.54 | 4,896.98 | 1,287.45 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 4.1  
México: Oferta y demanda total de cártamo  
(Toneladas)

| Año  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                |               |
|------|------------|---------------|----------------------------|------------------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+e ) | Consumo aparente total | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d )                  | ( e )         |
| 1961 | 41,394.0   | 0.0           | 41,394.0                   | 41,394.0               | 0.0           |
| 1962 | 46,777.0   | 0.0           | 46,777.0                   | 46,777.0               | 0.0           |
| 1963 | 47,159.0   | 0.0           | 47,159.0                   | 47,159.0               | 0.0           |
| 1964 | 47,150.0   | 0.0           | 47,150.0                   | 47,150.0               | 0.0           |
| 1965 | 79,626.0   | 0.0           | 79,626.0                   | 79,626.0               | 2.0           |
| 1966 | 236,243.0  | 0.0           | 236,243.0                  | 195,636.0              | 90,607.0      |
| 1967 | 149,043.0  | 0.0           | 149,043.0                  | 127,221.0              | 21,822.0      |
| 1968 | 102,145.0  | 0.0           | 102,145.0                  | 102,145.0              | 0.0           |
| 1969 | 208,873.0  | 0.0           | 208,873.0                  | 208,873.0              | 0.0           |
| 1970 | 288,493.0  | 0.0           | 288,493.0                  | 288,493.0              | 0.0           |
| 1971 | 410,734.0  | 0.0           | 410,734.0                  | 410,454.0              | 280.0         |
| 1972 | 271,286.0  | 0.0           | 271,286.0                  | 223,906.0              | 47,381.0      |
| 1973 | 298,172.0  | 0.0           | 298,172.0                  | 295,510.0              | 12,662.0      |
| 1974 | 272,429.0  | 0.0           | 272,429.0                  | 272,429.0              | 0.0           |
| 1975 | 532,297.0  | 0.0           | 532,297.0                  | 525,515.0              | 5,782.0       |
| 1976 | 240,318.0  | 0.0           | 240,318.0                  | 240,250.0              | 68.0          |
| 1977 | 518,444.0  | 0.0           | 518,444.0                  | 518,425.0              | 19.0          |
| 1978 | 615,556.0  | 2.0           | 615,558.0                  | 615,558.0              | 0.0           |
| 1979 | 634,724.0  | 45.0          | 634,769.0                  | 634,652.0              | 117.0         |
| 1980 | 479,692.0  | 4.0           | 479,696.0                  | 479,696.0              | 0.0           |
| 1981 | 324,170.0  | 3.0           | 324,173.0                  | 324,173.0              | 0.0           |
| 1982 | 239,108.0  | 455.0         | 239,563.0                  | 239,563.0              | 7.0           |
| 1983 | 278,936.0  | 0.0           | 278,936.0                  | 278,936.0              | 2.0           |
| 1984 | 212,324.0  | 0.0           | 212,324.0                  | 212,324.0              | 1.0           |
| 1985 | 151,585.0  | 0.0           | 151,585.0                  | 151,585.0              | 0.0           |
| 1986 | 164,218.0  | 0.0           | 164,218.0                  | 164,218.0              | 0.0           |
| 1987 | 219,786.0  | 0.0           | 219,786.0                  | 219,786.0              | 37.0          |
| 1988 | 247,642.0  | 0.0           | 247,642.0                  | 247,642.0              | 0.0           |
| 1989 | 142,146.0  | 38.0          | 142,184.0                  | 142,146.0              | 0.0           |
| 1990 | 159,557.0  | 173.0         | 159,730.0                  | 159,419.0              | 138.0         |
| 1991 | 88,400.0   | 227.0         | 88,627.0                   | 88,399.0               | 1.0           |
| 1992 | 41,033.0   | 582.0         | 41,615.0                   | 41,596.0               | 20.0          |
| 1993 | 63,895.0   | 622.0         | 64,517.0                   | 64,504.0               | 3.0           |
| 1994 | 63,924.0   | 667.0         | 64,591.0                   | 64,591.0               | 0.0           |
| 1995 | 113,267.0  | 529.0         | 113,796.0                  | 113,793.0              | 3.0           |
| 1996 | 181,879.5  | 290.0         | 182,169.5                  | 181,815.5              | 64.0          |
| 1997 | 163,394.0  | 141.0         | 163,535.0                  | 163,394.0              | 139.0         |
| 1998 | 171,269.0  | 164.0         | 171,433.0                  | 171,269.0              | 114.0         |
| 1999 | 262,740.0  | 36.0          | 262,776.0                  | 261,635.0              | 1,243.0       |
| 2000 | 112,000.0  | nd            | nd                         | nd                     | nd            |

1 Avance de cosecha a junio del 2000.

Fuente: Elaborado por el CIPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1998, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 4.2

México: Balance interno de cártamo  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 41,394.0   | 41,394.0               | 0.0             |
| 1962 | 46,777.0   | 46,777.0               | 0.0             |
| 1963 | 47,159.0   | 47,159.0               | 0.0             |
| 1964 | 47,150.0   | 47,150.0               | 0.0             |
| 1965 | 79,626.0   | 79,626.0               | 0.0             |
| 1966 | 236,243.0  | 185,636.0              | 50,607.0        |
| 1967 | 149,043.0  | 127,221.0              | 21,822.0        |
| 1968 | 102,145.0  | 102,145.0              | 0.0             |
| 1969 | 208,873.0  | 208,873.0              | 0.0             |
| 1970 | 288,493.0  | 288,493.0              | 0.0             |
| 1971 | 410,734.0  | 410,454.0              | 280.0           |
| 1972 | 271,286.0  | 223,905.0              | 47,381.0        |
| 1973 | 298,172.0  | 285,510.0              | 12,662.0        |
| 1974 | 272,429.0  | 272,429.0              | 0.0             |
| 1975 | 532,297.0  | 526,515.0              | 5,782.0         |
| 1976 | 240,318.0  | 240,250.0              | 68.0            |
| 1977 | 518,444.0  | 518,425.0              | 19.0            |
| 1978 | 615,556.0  | 615,558.0              | -2.0            |
| 1979 | 634,724.0  | 634,652.0              | 72.0            |
| 1980 | 479,692.0  | 479,696.0              | -4.0            |
| 1981 | 324,170.0  | 324,173.0              | -3.0            |
| 1982 | 239,108.0  | 239,563.0              | -455.0          |
| 1983 | 278,936.0  | 278,936.0              | 0.0             |
| 1984 | 212,324.0  | 212,324.0              | 0.0             |
| 1985 | 151,585.0  | 151,585.0              | 0.0             |
| 1986 | 164,218.0  | 164,218.0              | 0.0             |
| 1987 | 219,785.0  | 219,781.0              | 4.0             |
| 1988 | 247,642.0  | 247,642.0              | 0.0             |
| 1989 | 142,108.0  | 142,146.0              | -38.0           |
| 1990 | 159,384.0  | 159,419.0              | -35.0           |
| 1991 | 88,173.0   | 88,399.0               | -226.0          |
| 1992 | 41,033.0   | 41,595.0               | -562.0          |
| 1993 | 63,885.0   | 64,504.0               | -619.0          |
| 1994 | 63,924.0   | 64,591.0               | -667.0          |
| 1995 | 113,267.0  | 113,793.0              | -526.0          |
| 1996 | 181,589.5  | 181,815.5              | -226.0          |
| 1997 | 163,391.0  | 163,394.0              | -3.0            |
| 1998 | 171,219.0  | 171,269.0              | -50.0           |
| 1999 | 262,740.0  | 261,535.0              | 1,205.0         |
| 2000 | 112,000.0  | nd                     | nd              |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 4.3

México: Rendimiento de cártamo por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 32,861.0                           | 41,394.0                  | 1.2597                              |
| 1962 | 36,826.0                           | 46,777.0                  | 1.2702                              |
| 1963 | 36,326.0                           | 47,159.0                  | 1.2982                              |
| 1964 | 35,597.0                           | 47,150.0                  | 1.3245                              |
| 1965 | 58,805.0                           | 79,626.0                  | 1.3541                              |
| 1966 | 164,933.0                          | 236,243.0                 | 1.4324                              |
| 1967 | 100,314.0                          | 149,043.0                 | 1.4858                              |
| 1968 | 85,748.0                           | 102,145.0                 | 1.1912                              |
| 1969 | 144,782.0                          | 208,873.0                 | 1.4427                              |
| 1970 | 175,391.0                          | 288,493.0                 | 1.6449                              |
| 1971 | 264,932.0                          | 410,734.0                 | 1.5503                              |
| 1972 | 198,837.0                          | 271,286.0                 | 1.3644                              |
| 1973 | 197,992.0                          | 298,172.0                 | 1.5060                              |
| 1974 | 191,654.0                          | 272,429.0                 | 1.4215                              |
| 1975 | 363,051.0                          | 532,297.0                 | 1.4662                              |
| 1976 | 184,937.0                          | 240,318.0                 | 1.2995                              |
| 1977 | 403,713.0                          | 518,444.0                 | 1.2842                              |
| 1978 | 429,062.0                          | 615,556.0                 | 1.4347                              |
| 1979 | 528,357.0                          | 634,724.0                 | 1.2013                              |
| 1980 | 416,250.0                          | 479,692.0                 | 1.1524                              |
| 1981 | 398,820.0                          | 324,170.0                 | 0.8128                              |
| 1982 | 190,140.0                          | 239,108.0                 | 1.2575                              |
| 1983 | 348,838.0                          | 278,936.0                 | 0.7996                              |
| 1984 | 226,710.0                          | 212,324.0                 | 0.9365                              |
| 1985 | 234,004.0                          | 151,585.0                 | 0.6478                              |
| 1986 | 206,192.0                          | 164,218.0                 | 0.7964                              |
| 1987 | 277,211.0                          | 219,785.0                 | 0.7928                              |
| 1988 | 201,206.0                          | 247,642.0                 | 1.2308                              |
| 1989 | 148,898.0                          | 142,108.0                 | 0.9544                              |
| 1990 | 157,199.0                          | 159,384.0                 | 1.0139                              |
| 1991 | 93,704.0                           | 88,173.0                  | 0.9410                              |
| 1992 | 81,102.0                           | 41,033.0                  | 0.5059                              |
| 1993 | 73,443.0                           | 63,885.0                  | 0.8699                              |
| 1994 | 57,676.0                           | 63,924.0                  | 1.1083                              |
| 1995 | 96,795.0                           | 113,267.0                 | 1.1702                              |
| 1996 | 120,544.0                          | 181,589.5                 | 1.5064                              |
| 1997 | 96,152.0                           | 163,391.0                 | 1.6993                              |
| 1998 | 123,100.0                          | 171,219.0                 | 1.3909                              |
| 1999 | 166,400.0                          | 262,740.0                 | 1.5790                              |
| 2000 | 80,400.0                           | 109,020.0                 | 1.3560                              |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

CUADRO 4.4

## México: Producción y consumo de cártamo por habitante

(Kilogramos)

| Año  | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 1.1430                | 1.1430                     | 0.0000                    |
| 1962 | 37,486,139         | 1.2478                | 1.2478                     | 0.0000                    |
| 1963 | 38,800,538         | 1.2154                | 1.2154                     | 0.0000                    |
| 1964 | 40,147,986         | 1.1744                | 1.1744                     | 0.0000                    |
| 1965 | 41,535,828         | 1.9170                | 1.9170                     | 0.0000                    |
| 1966 | 42,955,469         | 5.4997                | 4.3216                     | 1.1781                    |
| 1967 | 44,397,880         | 3.3570                | 2.8655                     | 0.4915                    |
| 1968 | 45,859,633         | 2.2273                | 2.2273                     | 0.0000                    |
| 1969 | 47,337,557         | 4.4124                | 4.4124                     | 0.0000                    |
| 1970 | 48,852,306         | 5.9054                | 5.9054                     | 0.0000                    |
| 1971 | 50,393,091         | 8.1506                | 8.1450                     | 0.0056                    |
| 1972 | 51,948,772         | 5.2222                | 4.3101                     | 0.9121                    |
| 1973 | 53,517,788         | 5.5715                | 5.3349                     | 0.2366                    |
| 1974 | 55,104,832         | 4.9438                | 4.9438                     | 0.0000                    |
| 1975 | 56,687,703         | 9.3900                | 9.2880                     | 0.1020                    |
| 1976 | 58,291,820         | 4.1227                | 4.1215                     | 0.0012                    |
| 1977 | 59,900,617         | 8.6551                | 8.6548                     | 0.0003                    |
| 1978 | 61,527,486         | 10.0046               | 10.0046                    | 0.0000                    |
| 1979 | 63,161,213         | 10.0493               | 10.0481                    | 0.0011                    |
| 1980 | 64,788,572         | 7.4040                | 7.4040                     | -0.0001                   |
| 1981 | 66,425,164         | 4.8802                | 4.8803                     | 0.0000                    |
| 1982 | 68,081,155         | 3.5121                | 3.5188                     | -0.0067                   |
| 1983 | 69,744,148         | 3.9994                | 3.9994                     | 0.0000                    |
| 1984 | 71,421,164         | 2.9728                | 2.9728                     | 0.0000                    |
| 1985 | 73,112,440         | 2.0733                | 2.0733                     | 0.0000                    |
| 1986 | 74,817,783         | 2.1949                | 2.1949                     | 0.0000                    |
| 1987 | 76,536,428         | 2.8716                | 2.8716                     | 0.0001                    |
| 1988 | 78,266,888         | 3.1641                | 3.1641                     | 0.0000                    |
| 1989 | 80,019,134         | 1.7759                | 1.7764                     | -0.0005                   |
| 1990 | 81,781,347         | 1.9489                | 1.9493                     | -0.0004                   |
| 1991 | 83,554,530         | 1.0553                | 1.0580                     | -0.0027                   |
| 1992 | 85,348,102         | 0.4808                | 0.4874                     | -0.0066                   |
| 1993 | 87,117,464         | 0.7333                | 0.7404                     | -0.0071                   |
| 1994 | 88,863,239         | 0.7194                | 0.7269                     | -0.0075                   |
| 1995 | 90,578,718         | 1.2505                | 1.2563                     | -0.0058                   |
| 1996 | 92,228,065         | 1.9689                | 1.9714                     | -0.0025                   |
| 1997 | 93,813,963         | 1.7416                | 1.7417                     | 0.0000                    |
| 1998 | 95,326,450         | 1.7961                | 1.7967                     | -0.0005                   |
| 1999 | 96,714,391         | 2.7167                | 2.7042                     | 0.0125                    |
| 2000 | 97,925,896         | 1.1437                | nd                         | nd                        |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 4.5

México: Oferta y demanda total de cártamo

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                |               |
|------|------------|---------------|----------------------------|------------------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+e ) | Consumo aparente total | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d )                  | ( e )         |
| 1961 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1962 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1963 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1964 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1965 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1966 | 100.00     | 0.00          | 100.00                     | 78.58                  | 21.42         |
| 1967 | 100.00     | 0.00          | 100.00                     | 85.36                  | 14.64         |
| 1968 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1969 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1970 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1971 | 100.00     | 0.00          | 100.00                     | 99.93                  | 0.07          |
| 1972 | 100.00     | 0.00          | 100.00                     | 82.53                  | 17.47         |
| 1973 | 100.00     | 0.00          | 100.00                     | 95.75                  | 4.25          |
| 1974 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1975 | 100.00     | 0.00          | 100.00                     | 98.91                  | 1.09          |
| 1976 | 100.00     | 0.00          | 100.00                     | 99.97                  | 0.03          |
| 1977 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1978 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1979 | 99.99      | 0.01          | 100.00                     | 99.98                  | 0.02          |
| 1980 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1981 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1982 | 99.81      | 0.19          | 100.00                     | 100.00                 | 0.00          |
| 1983 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1984 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1985 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1986 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1987 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.02          |
| 1988 | 100.00     | 0.00          | 100.00                     | 100.00                 | 0.00          |
| 1989 | 99.97      | 0.03          | 100.00                     | 100.00                 | 0.00          |
| 1990 | 99.89      | 0.11          | 100.00                     | 99.91                  | 0.09          |
| 1991 | 99.74      | 0.26          | 100.00                     | 100.00                 | 0.00          |
| 1992 | 98.60      | 1.40          | 100.00                     | 99.95                  | 0.05          |
| 1993 | 99.04      | 0.96          | 100.00                     | 100.00                 | 0.00          |
| 1994 | 98.97      | 1.03          | 100.00                     | 100.00                 | 0.00          |
| 1995 | 99.54      | 0.46          | 100.00                     | 100.00                 | 0.00          |
| 1996 | 99.84      | 0.16          | 100.00                     | 99.96                  | 0.04          |
| 1997 | 99.91      | 0.09          | 100.00                     | 99.92                  | 0.08          |
| 1998 | 99.90      | 0.10          | 100.00                     | 99.93                  | 0.07          |
| 1999 | 99.99      | 0.01          | 100.00                     | 99.53                  | 0.47          |
| 2000 | nd         | nd            | 100.00                     | nd                     | nd            |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 4.6

### México: Superficie cosechada y producción por modalidad de (Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 74                        | 26       | 100   | 91                        | 9        | 100   |
| 1971 | 87                        | 13       | 100   | 85                        | 15       | 100   |
| 1972 | 81                        | 19       | 100   | 95                        | 5        | 100   |
| 1973 | 79                        | 21       | 100   | 81                        | 19       | 100   |
| 1974 | 82                        | 18       | 100   | 93                        | 7        | 100   |
| 1975 | 78                        | 22       | 100   | 91                        | 9        | 100   |
| 1976 | 100                       | nd       | nd    | 100                       | nd       | nd    |
| 1977 | 38                        | 62       | 100   | 58                        | 42       | 100   |
| 1978 | 76                        | 24       | 100   | 89                        | 11       | 100   |
| 1979 | 67                        | 33       | 100   | 77                        | 23       | 100   |
| 1980 | 60                        | 40       | 100   | 75                        | 25       | 100   |
| 1981 | 56                        | 44       | 100   | 70                        | 30       | 100   |
| 1982 | 62                        | 38       | 100   | 71                        | 29       | 100   |
| 1983 | 51                        | 49       | 100   | 68                        | 32       | 100   |
| 1984 | 36                        | 64       | 100   | 52                        | 48       | 100   |
| 1985 | 20                        | 80       | 100   | 39                        | 61       | 100   |
| 1986 | 23                        | 77       | 100   | 46                        | 54       | 100   |
| 1987 | 28                        | 72       | 100   | 53                        | 47       | 100   |
| 1988 | 38                        | 62       | 100   | 69                        | 31       | 100   |
| 1989 | 51                        | 49       | 100   | 72                        | 28       | 100   |
| 1990 | 44                        | 56       | 100   | 68                        | 32       | 100   |
| 1991 | 29                        | 71       | 100   | 44                        | 56       | 100   |
| 1992 | 16                        | 84       | 100   | 35                        | 65       | 100   |
| 1993 | 32                        | 68       | 100   | 53                        | 47       | 100   |
| 1994 | 51                        | 49       | 100   | 73                        | 27       | 100   |
| 1995 | 56                        | 44       | 100   | 80                        | 20       | 100   |
| 1996 | 67                        | 33       | 100   | 87                        | 13       | 100   |
| 1997 | 68                        | 32       | 100   | 82                        | 18       | 100   |
| 1998 | 44                        | 56       | 100   | 70                        | 30       | 100   |
| 1999 | 63                        | 37       | 100   | 86                        | 14       | 100   |
| 2000 | 41                        | 59       | 100   | 77                        | 23       | 100   |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 4.7

## México: Superficie cosechada y producción por modalidad de cartamo

| Año  | Superficie<br>(Hectáreas) |          |           | Producción<br>(Toneladas) |          |           |
|------|---------------------------|----------|-----------|---------------------------|----------|-----------|
|      | Riego                     | Temporal | Total     | Riego                     | Temporal | Total     |
| 1970 | 129,288                   | 46,103   | 175,391.0 | 263,297                   | 25,196   | 288,493.0 |
| 1971 | 231,435                   | 33,497   | 264,932.0 | 347,928                   | 62,806   | 410,734.0 |
| 1972 | 161,867                   | 36,970   | 198,837.0 | 257,271                   | 14,015   | 271,286.0 |
| 1973 | 156,994                   | 40,998   | 197,992.0 | 241,139                   | 57,033   | 298,172.0 |
| 1974 | 157,715                   | 33,939   | 191,654.0 | 254,401                   | 18,028   | 272,429.0 |
| 1975 | 282,040                   | 81,011   | 363,051.0 | 483,270                   | 49,027   | 532,297.0 |
| 1976 | 184,937                   | nd       | 184,937.0 | 240,318                   | nd       | 240,318.0 |
| 1977 | 153,891                   | 249,822  | 403,713.0 | 298,255                   | 220,189  | 518,444.0 |
| 1978 | 325,047                   | 104,015  | 429,062.0 | 549,604                   | 65,952   | 615,556.0 |
| 1979 | 353,239                   | 175,118  | 528,357.0 | 490,787                   | 143,937  | 634,724.0 |
| 1980 | 247,703                   | 168,547  | 416,250.0 | 359,930                   | 119,762  | 479,692.0 |
| 1981 | 223,050                   | 175,770  | 398,820.0 | 228,184                   | 95,986   | 324,170.0 |
| 1982 | 117,182                   | 72,958   | 190,140.0 | 169,766                   | 69,342   | 239,108.0 |
| 1983 | 178,821                   | 170,017  | 348,838.0 | 190,405                   | 88,531   | 278,936.0 |
| 1984 | 81,060                    | 145,650  | 226,710.0 | 109,805                   | 102,519  | 212,324.0 |
| 1985 | 46,969                    | 187,035  | 234,004.0 | 59,384                    | 92,201   | 151,585.0 |
| 1986 | 48,448                    | 157,744  | 206,192.0 | 76,059                    | 88,159   | 164,218.0 |
| 1987 | 78,324                    | 198,887  | 277,211.0 | 115,821                   | 103,964  | 219,785.0 |
| 1988 | 75,599                    | 125,607  | 201,206.0 | 169,858                   | 77,784   | 247,642.0 |
| 1989 | 76,333                    | 72,565   | 148,898.0 | 101,894                   | 40,214   | 142,108.0 |
| 1990 | 68,831                    | 88,368   | 157,199.0 | 109,076                   | 50,308   | 159,384.0 |
| 1991 | 27,273                    | 66,431   | 93,704.0  | 38,852                    | 49,321   | 88,173.0  |
| 1992 | 13,127                    | 67,975   | 81,102.0  | 14,448                    | 26,585   | 41,033.0  |
| 1993 | 23,364                    | 50,079   | 73,443.0  | 33,776                    | 30,109   | 63,885.0  |
| 1994 | 29,360                    | 28,316   | 57,676.0  | 46,347                    | 17,577   | 63,924.0  |
| 1995 | 53,916                    | 42,879   | 96,795.0  | 91,105                    | 22,162   | 113,267.0 |
| 1996 | 81,159                    | 39,385   | 120,544.0 | 157,574                   | 24,016   | 181,589.5 |
| 1997 | 65,635                    | 30,517   | 96,152.0  | 133,227                   | 30,164   | 163,391.0 |
| 1998 | 54,684                    | 68,416   | 123,100.0 | 119,266                   | 51,934   | 171,200.0 |
| 1999 | 103,983                   | 62,355   | 166,400.0 | 226,964                   | 35,776   | 262,740   |
| 2000 | 42,268                    | 61,189   | 80,400.0  | 83,978                    | 25,042   | 112,000.0 |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 4.8

### México: Rendimientos, producción entre superficie cosechada de cartamo

(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 1,644.86 | 2,036.51 | 546.52   |
| 1971 | 1,550.34 | 1,503.35 | 1,874.98 |
| 1972 | 1,364.36 | 1,589.40 | 379.09   |
| 1973 | 1,505.98 | 1,535.98 | 1,391.10 |
| 1974 | 1,421.46 | 1,613.04 | 531.20   |
| 1975 | 1,466.18 | 1,713.48 | 605.19   |
| 1976 | 1,299.46 | 1,299.46 | nd       |
| 1977 | 1,284.19 | 1,938.10 | 881.38   |
| 1978 | 1,434.66 | 1,690.84 | 634.07   |
| 1979 | 1,201.32 | 1,389.39 | 821.94   |
| 1980 | 1,152.41 | 1,453.07 | 710.56   |
| 1981 | 812.82   | 1,023.02 | 546.09   |
| 1982 | 1,257.54 | 1,448.74 | 950.44   |
| 1983 | 799.61   | 1,064.78 | 520.72   |
| 1984 | 936.54   | 1,354.61 | 703.87   |
| 1985 | 647.79   | 1,264.32 | 492.96   |
| 1986 | 796.43   | 1,569.91 | 558.87   |
| 1987 | 792.84   | 1,478.74 | 522.73   |
| 1988 | 1,230.79 | 2,246.83 | 619.26   |
| 1989 | 954.40   | 1,334.86 | 554.18   |
| 1990 | 1,013.90 | 1,584.69 | 569.30   |
| 1991 | 940.97   | 1,424.56 | 742.44   |
| 1992 | 505.94   | 1,100.63 | 391.10   |
| 1993 | 869.86   | 1,445.64 | 601.23   |
| 1994 | 1,108.33 | 1,578.58 | 620.74   |
| 1995 | 1,170.17 | 1,689.76 | 516.85   |
| 1996 | 1,506.42 | 1,941.55 | 609.76   |
| 1997 | 1,699.30 | 2,029.82 | 988.43   |
| 1998 | 1,390.74 | 2,180.99 | 759.10   |
| 1999 | 1,578.97 | 2,182.70 | 573.75   |
| 2000 | 1,393.03 | 1,986.80 | 409.26   |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 5.1  
México: Oferta y demanda total de frijol  
(Toneladas)

| Año  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+h-i) | DEMANDA                |          |                           |              |               |                                         |
|------|------------|---------------|----------------------------------------------|------------------------|----------|---------------------------|--------------|---------------|-----------------------------------------|
|      | Producción | Importaciones |                                              | Consumo aparente total | Semillas | Desperdicios <sup>1</sup> | Alimentación | Exportaciones | Cambio en las existencias <sup>1*</sup> |
|      | (a)        | (b)           |                                              | (d = e+f+g)            | (e)      | (f)                       | (g)          | (h)           | (i)                                     |
| 1961 | 723,340    | 9,748         | 733,088                                      | 733,085                | 50,211   | 36,654                    | 646,220      | 3             | 0                                       |
| 1962 | 655,608    | 3,253         | 658,861                                      | 656,458                | 51,323   | 32,943                    | 572,192      | 2,403         | 0                                       |
| 1963 | 677,280    | 8,650         | 685,930                                      | 654,293                | 62,731   | 34,296                    | 557,266      | 31,637        | 0                                       |
| 1964 | 691,526    | 8,188         | 699,714                                      | 679,632                | 63,505   | 44,986                    | 771,141      | 20,082        | 0                                       |
| 1965 | 659,584    | 166           | 659,750                                      | 643,233                | 67,200   | 42,988                    | 733,045      | 16,517        | 0                                       |
| 1966 | 1,013,169  | 261           | 1,013,430                                    | 841,299                | 57,899   | 50,672                    | 732,728      | 102,131       | 70,000                                  |
| 1967 | 980,170    | 274           | 980,444                                      | 854,589                | 53,720   | 49,022                    | 751,847      | 65,855        | 60,000                                  |
| 1968 | 856,939    | 282           | 857,221                                      | 857,396                | 49,666   | 46,861                    | 760,869      | 79,825        | -80,000                                 |
| 1969 | 834,599    | 367           | 834,966                                      | 831,461                | 52,409   | 44,248                    | 734,804      | 53,505        | -50,000                                 |
| 1970 | 925,041    | 8,632         | 933,673                                      | 882,346                | 58,953   | 46,684                    | 776,709      | 11,327        | 40,000                                  |
| 1971 | 953,785    | 454           | 954,239                                      | 954,087                | 50,602   | 47,712                    | 855,773      | 152           | 0                                       |
| 1972 | 869,509    | 2,652         | 872,161                                      | 875,183                | 56,091   | 45,608                    | 773,484      | 36,978        | -40,000                                 |
| 1973 | 1,008,887  | 18,066        | 1,026,953                                    | 908,771                | 46,556   | 51,348                    | 810,867      | 28,182        | 90,000                                  |
| 1974 | 971,576    | 39,351        | 1,010,927                                    | 930,577                | 52,579   | 50,546                    | 827,452      | 350           | 80,000                                  |
| 1975 | 1,027,303  | 104,399       | 1,131,702                                    | 931,516                | 39,475   | 56,585                    | 835,456      | 186           | 200,000                                 |
| 1976 | 739,812    | 179           | 739,991                                      | 817,790                | 48,922   | 43,000                    | 725,868      | 42,201        | -120,000                                |
| 1977 | 770,093    | 29,226        | 799,319                                      | 859,242                | 47,407   | 49,466                    | 762,369      | 130,077       | -190,000                                |
| 1978 | 948,744    | 1,238         | 949,982                                      | 815,898                | 50,640   | 47,499                    | 717,759      | 44,084        | 90,000                                  |
| 1979 | 640,514    | 6,786         | 647,300                                      | 795,910                | 59,010   | 39,865                    | 697,035      | 1,390         | -150,000                                |
| 1980 | 935,174    | 444,306       | 1,379,480                                    | 1,377,342              | 72,240   | 68,974                    | 1,236,128    | 2,138         | 0                                       |
| 1981 | 1,331,000  | 482,126       | 1,813,126                                    | 1,811,120              | 73,170   | 90,656                    | 1,647,294    | 2,006         | 0                                       |
| 1982 | 980,000    | 250,044       | 1,230,044                                    | 1,204,496              | 66,150   | 61,502                    | 1,076,844    | 25,548        | 0                                       |
| 1983 | 1,286,000  | 145,848       | 1,431,848                                    | 1,375,997              | 60,840   | 71,592                    | 1,243,565    | 55,851        | 0                                       |
| 1984 | 931,000    | 119,125       | 1,050,125                                    | 919,851                | 62,400   | 52,506                    | 804,945      | 130,274       | 0                                       |
| 1985 | 911,908    | 178,921       | 1,090,829                                    | 1,090,707              | 69,660   | 54,541                    | 966,506      | 122           | 0                                       |
| 1986 | 1,084,830  | 178,951       | 1,263,781                                    | 1,263,781              | 69,690   | 63,189                    | 1,130,902    | 0             | 0                                       |
| 1987 | 1,023,575  | 39,470        | 1,063,045                                    | 1,062,976              | 70,320   | 53,152                    | 939,504      | 69            | 0                                       |
| 1988 | 857,187    | 41,612        | 898,799                                      | 890,103                | 52,099   | 44,940                    | 793,064      | 8,696         | 0                                       |
| 1989 | 593,436    | 110,370       | 703,806                                      | 702,628                | 68,149   | 35,190                    | 599,289      | 1,178         | 0                                       |
| 1990 | 1,287,364  | 330,177       | 1,617,541                                    | 1,217,625              | 65,965   | 80,892                    | 1,070,768    | 80            | 399,836                                 |
| 1991 | 1,378,519  | 29,802        | 1,408,321                                    | 1,208,179              | 55,826   | 70,430                    | 1,081,923    | 420           | 199,722                                 |
| 1992 | 718,574    | 2,812         | 721,386                                      | 1,303,773              | 64,531   | 66,074                    | 1,173,168    | 25,351        | -607,738                                |
| 1993 | 1,287,573  | 3,662         | 1,291,235                                    | 1,087,832              | 71,567   | 64,757                    | 951,508      | 7,305         | 196,098                                 |
| 1994 | 1,364,239  | 50,725        | 1,414,964                                    | 1,121,880              | 70,612   | 71,088                    | 980,180      | 99,751        | 193,333                                 |
| 1995 | 1,270,915  | 25,684        | 1,296,599                                    | 1,414,110              | 65,875   | 74,849                    | 1,273,386    | 82,859        | -200,370                                |
| 1996 | 1,349,202  | 123,465       | 1,472,667                                    | 1,370,965              | 69,668   | 73,999                    | 1,227,298    | 8,918         | 92,784                                  |
| 1997 | 965,056    | 56,058        | 1,021,114                                    | 1,347,961              | 69,243   | 67,761                    | 1,210,957    | 6,453         | -333,300                                |
| 1998 | 1,260,710  | 172,588       | 1,433,298                                    | 1,428,629              | nd       | nd                        | nd           | 4,669         | 0                                       |
| 1999 | 1,080,631  | 61,066        | 1,141,697                                    | 1,136,152              | nd       | nd                        | nd           | 5,545         | 0                                       |
| 2000 | 1,157,769  | nd            | 1,157,769                                    | nd                     | nd       | nd                        | nd           | nd            | nd                                      |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFOP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 5.2  
**México: Balance interno de frijol**  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 723,340    | 733,085                | -9,745          |
| 1962 | 655,608    | 656,458                | -850            |
| 1963 | 677,280    | 654,293                | 22,987          |
| 1964 | 891,526    | 879,632                | 11,894          |
| 1965 | 859,584    | 843,233                | 16,351          |
| 1966 | 1,013,169  | 841,299                | 171,870         |
| 1967 | 980,170    | 854,589                | 125,581         |
| 1968 | 856,939    | 857,396                | -457            |
| 1969 | 834,599    | 831,461                | 3,138           |
| 1970 | 925,041    | 882,346                | 42,695          |
| 1971 | 953,785    | 954,087                | -302            |
| 1972 | 869,509    | 875,183                | -5,674          |
| 1973 | 1,008,887  | 908,771                | 100,116         |
| 1974 | 971,576    | 930,577                | 40,999          |
| 1975 | 1,027,303  | 931,516                | 95,787          |
| 1976 | 739,812    | 817,790                | -77,978         |
| 1977 | 770,093    | 859,242                | -89,149         |
| 1978 | 948,744    | 815,898                | 132,846         |
| 1979 | 640,514    | 795,910                | -155,396        |
| 1980 | 935,174    | 1,377,342              | -442,168        |
| 1981 | 1,331,000  | 1,811,120              | -480,120        |
| 1982 | 980,000    | 1,204,496              | -224,496        |
| 1983 | 1,286,000  | 1,375,997              | -89,997         |
| 1984 | 931,000    | 919,851                | 11,149          |
| 1985 | 911,908    | 1,090,707              | -178,799        |
| 1986 | 1,084,830  | 1,263,781              | -178,951        |
| 1987 | 1,023,575  | 1,062,976              | -39,401         |
| 1988 | 857,187    | 890,103                | -32,916         |
| 1989 | 593,436    | 702,628                | -109,192        |
| 1990 | 1,287,364  | 1,217,625              | 69,739          |
| 1991 | 1,378,519  | 1,208,179              | 170,340         |
| 1992 | 718,574    | 1,303,773              | -585,199        |
| 1993 | 1,287,573  | 1,087,832              | 199,741         |
| 1994 | 1,364,239  | 1,121,880              | 242,359         |
| 1995 | 1,270,915  | 1,414,110              | -143,195        |
| 1996 | 1,349,202  | 1,370,965              | -21,763         |
| 1997 | 965,056    | 1,347,961              | -382,905        |
| 1998 | 1,260,710  | 1,428,629              | -167,919        |
| 1999 | 1,080,631  | 1,136,152              | -55,521         |
| 2000 | 1,157,769  | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 5.3

## México: Rendimiento de frijol por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 1,617,107                          | 723,340                   | 0.4473                              |
| 1962 | 1,673,694                          | 655,608                   | 0.3917                              |
| 1963 | 1,710,767                          | 677,280                   | 0.3959                              |
| 1964 | 2,091,025                          | 891,526                   | 0.4264                              |
| 1965 | 2,116,858                          | 859,584                   | 0.4061                              |
| 1966 | 2,240,022                          | 1,013,169                 | 0.4523                              |
| 1967 | 1,929,967                          | 980,170                   | 0.5079                              |
| 1968 | 1,790,669                          | 856,939                   | 0.4786                              |
| 1969 | 1,655,520                          | 834,599                   | 0.5041                              |
| 1970 | 1,746,947                          | 925,041                   | 0.5295                              |
| 1971 | 1,965,126                          | 953,785                   | 0.4854                              |
| 1972 | 1,686,746                          | 869,509                   | 0.5155                              |
| 1973 | 1,869,686                          | 1,008,887                 | 0.5396                              |
| 1974 | 1,551,877                          | 971,576                   | 0.6261                              |
| 1975 | 1,752,632                          | 1,027,303                 | 0.5861                              |
| 1976 | 1,315,819                          | 739,812                   | 0.5622                              |
| 1977 | 1,630,732                          | 770,093                   | 0.4722                              |
| 1978 | 1,580,228                          | 948,744                   | 0.6004                              |
| 1979 | 1,051,431                          | 640,514                   | 0.6092                              |
| 1980 | 1,551,352                          | 935,174                   | 0.6028                              |
| 1981 | 1,990,569                          | 1,331,000                 | 0.6687                              |
| 1982 | 1,571,092                          | 980,000                   | 0.6238                              |
| 1983 | 1,957,801                          | 1,286,000                 | 0.6569                              |
| 1984 | 1,679,426                          | 931,000                   | 0.5544                              |
| 1985 | 1,782,341                          | 911,908                   | 0.5116                              |
| 1986 | 1,807,976                          | 1,084,830                 | 0.6000                              |
| 1987 | 1,787,066                          | 1,023,575                 | 0.5728                              |
| 1988 | 1,947,298                          | 857,187                   | 0.4402                              |
| 1989 | 1,320,851                          | 593,436                   | 0.4493                              |
| 1990 | 2,094,017                          | 1,287,364                 | 0.6148                              |
| 1991 | 1,988,981                          | 1,378,519                 | 0.6931                              |
| 1992 | 1,295,588                          | 718,574                   | 0.5546                              |
| 1993 | 1,873,862                          | 1,287,573                 | 0.6871                              |
| 1994 | 2,086,687                          | 1,364,239                 | 0.6538                              |
| 1995 | 2,040,447                          | 1,270,915                 | 0.6229                              |
| 1996 | 2,048,397                          | 1,349,202                 | 0.6587                              |
| 1997 | 1,615,057                          | 965,056                   | 0.5975                              |
| 1998 | 2,146,472                          | 1,260,710                 | 0.5873                              |
| 1999 | 1,694,700                          | 1,080,631                 | 0.6377                              |
| 2000 | 2,224,000                          | 1,157,769                 | 0.5206                              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 5.4

México: Producción y consumo de frijol por habitante  
(kilogramos)

| Año  | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 19.9736               | 20.2427                    | -0.2691                   |
| 1962 | 37,486,139         | 17.4693               | 17.6120                    | -0.0227                   |
| 1963 | 38,800,536         | 17.4554               | 16.8630                    | 0.5924                    |
| 1964 | 40,147,996         | 22.2080               | 21.9097                    | 0.2963                    |
| 1965 | 41,535,828         | 20.6960               | 20.3013                    | 0.3937                    |
| 1966 | 42,955,469         | 23.5865               | 19.6854                    | 4.0011                    |
| 1967 | 44,397,890         | 22.0770               | 19.2484                    | 2.8285                    |
| 1968 | 45,869,833         | 18.6881               | 18.6861                    | -0.0100                   |
| 1969 | 47,337,557         | 17.6308               | 17.5545                    | 0.0663                    |
| 1970 | 48,852,306         | 18.9365               | 18.0615                    | 0.8740                    |
| 1971 | 50,393,091         | 18.9269               | 18.9329                    | -0.0060                   |
| 1972 | 51,948,772         | 16.7378               | 16.6470                    | -0.1092                   |
| 1973 | 53,517,788         | 18.6514               | 16.6607                    | 1.9707                    |
| 1974 | 55,104,832         | 17.6314               | 16.6674                    | 0.7440                    |
| 1975 | 56,687,703         | 18.1221               | 16.4324                    | 1.6897                    |
| 1976 | 58,291,820         | 12.6815               | 14.0292                    | -1.3377                   |
| 1977 | 59,900,617         | 12.6562               | 14.3445                    | -1.6883                   |
| 1978 | 61,527,496         | 15.4198               | 13.2607                    | 2.1591                    |
| 1979 | 63,161,213         | 10.1409               | 12.6012                    | -2.4603                   |
| 1980 | 64,788,572         | 14.4342               | 21.2590                    | -6.8248                   |
| 1981 | 66,425,164         | 20.0376               | 27.2666                    | -7.2280                   |
| 1982 | 68,081,156         | 14.3946               | 17.6921                    | -3.2975                   |
| 1983 | 69,744,148         | 18.4389               | 19.7292                    | -1.2904                   |
| 1984 | 71,421,164         | 13.0354               | 12.6792                    | 0.1561                    |
| 1985 | 73,112,440         | 12.4727               | 14.9182                    | -2.4455                   |
| 1986 | 74,817,793         | 14.4596               | 16.6915                    | -2.3918                   |
| 1987 | 76,536,428         | 13.3737               | 13.8885                    | -0.5148                   |
| 1988 | 78,266,999         | 10.9521               | 11.3727                    | -0.4206                   |
| 1989 | 80,019,134         | 7.4162                | 8.7807                     | -1.3646                   |
| 1990 | 81,781,347         | 15.7415               | 14.6889                    | 0.6527                    |
| 1991 | 83,554,530         | 16.4584               | 14.4599                    | 2.0387                    |
| 1992 | 85,348,102         | 8.4193                | 15.2759                    | -6.8566                   |
| 1993 | 87,117,464         | 14.7797               | 12.4870                    | 2.2928                    |
| 1994 | 88,863,239         | 15.3521               | 12.6249                    | 2.7273                    |
| 1995 | 90,578,718         | 14.0311               | 15.6119                    | -1.5809                   |
| 1996 | 92,228,066         | 14.6290               | 14.6649                    | -0.2260                   |
| 1997 | 93,813,963         | 10.2869               | 14.3684                    | -4.0815                   |
| 1998 | 95,326,450         | 13.2252               | 14.9867                    | -1.7615                   |
| 1999 | 96,714,391         | 11.1734               | 11.7475                    | -0.5741                   |
| 2000 | 97,925,896         | 11.6229               | 11.6229                    | 0.0000                    |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos Consumo aparentes de productos agrícolas, SARH, 1963 y Banco de datos FAOSTAT, 1999, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 5.5  
México: Oferta y demanda total del frijol  
(Porcentaje)

| Año  | OFERTA     |               | OFERTA - DEMANDA<br>(c = a+b)<br>(c = d+h-i) | DEMANDA                |          |                |              |               |                             |
|------|------------|---------------|----------------------------------------------|------------------------|----------|----------------|--------------|---------------|-----------------------------|
|      | Producción | Importaciones |                                              | Consumo aparente total | Semillas | Desperdicios * | Alimentación | Exportaciones | Cambio en las existencias r |
|      | (a)        | (b)           |                                              | (d = e+g)              | (e)      | (f)            | (g)          | (h)           | (i)                         |
| 1961 | 98.67      | 1.33          | 100.00                                       | 100.00                 | 6.85     | 5.00           | 88.15        | 0.00          | 0.00                        |
| 1962 | 99.51      | 0.49          | 100.00                                       | 99.64                  | 7.82     | 5.02           | 87.16        | 0.36          | 0.00                        |
| 1963 | 96.74      | 1.26          | 100.00                                       | 95.39                  | 9.59     | 5.24           | 86.17        | 4.61          | 0.00                        |
| 1964 | 98.09      | 0.91          | 100.00                                       | 97.77                  | 7.22     | 5.11           | 87.67        | 2.23          | 0.00                        |
| 1965 | 99.96      | 0.02          | 100.00                                       | 98.08                  | 7.97     | 5.10           | 86.93        | 1.92          | 0.00                        |
| 1966 | 99.97      | 0.03          | 100.00                                       | 83.02                  | 6.88     | 6.02           | 87.09        | 10.08         | 6.91                        |
| 1967 | 99.97      | 0.03          | 100.00                                       | 87.16                  | 6.29     | 5.74           | 87.98        | 6.72          | 6.12                        |
| 1968 | 99.97      | 0.03          | 100.00                                       | 100.02                 | 5.79     | 5.47           | 88.74        | 9.31          | -9.33                       |
| 1969 | 99.96      | 0.04          | 100.00                                       | 99.98                  | 6.30     | 5.32           | 88.36        | 6.41          | -5.99                       |
| 1970 | 99.08      | 0.92          | 100.00                                       | 94.90                  | 6.68     | 5.29           | 88.03        | 1.21          | 4.28                        |
| 1971 | 99.95      | 0.05          | 100.00                                       | 99.98                  | 5.30     | 5.00           | 89.70        | 0.02          | 0.00                        |
| 1972 | 99.70      | 0.30          | 100.00                                       | 100.35                 | 6.41     | 5.21           | 88.36        | 4.24          | -4.59                       |
| 1973 | 98.24      | 1.76          | 100.00                                       | 88.49                  | 5.12     | 5.65           | 88.23        | 2.74          | 8.76                        |
| 1974 | 96.11      | 3.89          | 100.00                                       | 92.05                  | 5.65     | 5.43           | 88.92        | 0.03          | 7.91                        |
| 1975 | 90.78      | 9.22          | 100.00                                       | 82.31                  | 4.24     | 6.07           | 89.69        | 0.02          | 17.67                       |
| 1976 | 99.98      | 0.02          | 100.00                                       | 110.51                 | 5.98     | 5.26           | 88.76        | 5.70          | -16.22                      |
| 1977 | 96.34      | 3.66          | 100.00                                       | 107.60                 | 5.52     | 5.76           | 88.73        | 16.27         | -23.77                      |
| 1978 | 99.87      | 0.13          | 100.00                                       | 85.89                  | 6.21     | 5.82           | 87.97        | 4.64          | 9.47                        |
| 1979 | 98.95      | 1.05          | 100.00                                       | 122.95                 | 7.41     | 5.01           | 87.58        | 0.21          | -23.17                      |
| 1980 | 67.79      | 32.21         | 100.00                                       | 99.85                  | 5.24     | 5.01           | 89.75        | 0.15          | 0.00                        |
| 1981 | 73.41      | 26.59         | 100.00                                       | 99.89                  | 4.04     | 5.01           | 90.95        | 0.11          | 0.00                        |
| 1982 | 79.67      | 20.33         | 100.00                                       | 97.92                  | 5.49     | 5.11           | 89.40        | 2.08          | 0.00                        |
| 1983 | 89.81      | 10.19         | 100.00                                       | 96.10                  | 4.42     | 5.20           | 90.36        | 3.90          | 0.00                        |
| 1984 | 86.86      | 11.34         | 100.00                                       | 87.59                  | 6.78     | 5.71           | 87.51        | 12.41         | 0.00                        |
| 1985 | 83.60      | 16.40         | 100.00                                       | 99.99                  | 6.38     | 5.00           | 88.61        | 0.01          | 0.00                        |
| 1986 | 86.84      | 14.16         | 100.00                                       | 100.00                 | 5.51     | 5.00           | 89.49        | 0.00          | 0.00                        |
| 1987 | 96.29      | 3.71          | 100.00                                       | 99.99                  | 6.62     | 5.00           | 88.36        | 0.01          | 0.00                        |
| 1988 | 95.37      | 4.63          | 100.00                                       | 99.03                  | 5.86     | 5.05           | 89.10        | 0.97          | 0.00                        |
| 1989 | 84.32      | 15.68         | 100.00                                       | 99.83                  | 9.70     | 5.01           | 85.29        | 0.17          | 0.00                        |
| 1990 | 79.59      | 20.41         | 100.00                                       | 75.28                  | 5.42     | 6.64           | 87.94        | 0.00          | 24.72                       |
| 1991 | 97.88      | 2.12          | 100.00                                       | 85.79                  | 4.62     | 5.83           | 89.55        | 0.03          | 14.18                       |
| 1992 | 99.61      | 0.39          | 100.00                                       | 180.73                 | 4.95     | 5.07           | 89.96        | 3.51          | -84.25                      |
| 1993 | 99.72      | 0.28          | 100.00                                       | 84.25                  | 6.58     | 5.95           | 87.47        | 0.57          | 15.19                       |
| 1994 | 96.42      | 3.58          | 100.00                                       | 79.29                  | 6.29     | 6.34           | 87.37        | 7.05          | 13.66                       |
| 1995 | 98.02      | 1.98          | 100.00                                       | 109.06                 | 4.86     | 5.29           | 90.05        | 6.38          | -15.45                      |
| 1996 | 91.62      | 8.38          | 100.00                                       | 93.09                  | 5.08     | 5.40           | 89.52        | 0.61          | 6.30                        |
| 1997 | 94.51      | 5.49          | 100.00                                       | 132.01                 | 5.14     | 5.03           | 89.84        | 0.63          | -32.64                      |
| 1998 | 87.96      | 12.04         | 100.00                                       | 99.67                  | nd       | nd             | nd           | 0.33          | 0.00                        |
| 1999 | 94.65      | 5.35          | 100.00                                       | 99.51                  | nd       | nd             | nd           | 0.49          | 0.00                        |
| 2000 | 100.00     | nd            | 100.00                                       | 100.00                 | nd       | nd             | nd           | nd            | nd                          |

Nota: Las sumas pueden no coincidir debido a los ajustes en los cifras.

\* El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARN, Consumo aparentes de productos agrícolas, SARN, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1989, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 5.6

### México: Superficie cosechada y producción por modalidad

(Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 4                         | 96       | 100   | 9                         | 91       | 100   |
| 1971 | 4                         | 96       | 100   | 10                        | 90       | 100   |
| 1972 | 4                         | 96       | 100   | 9                         | 91       | 100   |
| 1973 | 4                         | 96       | 100   | 10                        | 90       | 100   |
| 1974 | 10                        | 90       | 100   | 17                        | 83       | 100   |
| 1975 | 13                        | 87       | 100   | 26                        | 74       | 100   |
| 1976 | 13                        | 87       | 100   | 26                        | 74       | 100   |
| 1977 | 10                        | 90       | 100   | 26                        | 74       | 100   |
| 1978 | 13                        | 87       | 100   | 30                        | 70       | 100   |
| 1979 | 20                        | 80       | 100   | 43                        | 57       | 100   |
| 1980 | 15                        | 85       | 100   | 29                        | 71       | 100   |
| 1981 | 16                        | 84       | 100   | 30                        | 70       | 100   |
| 1982 | 21                        | 79       | 100   | 41                        | 59       | 100   |
| 1983 | 11                        | 89       | 100   | 23                        | 77       | 100   |
| 1984 | 10                        | 90       | 100   | 22                        | 78       | 100   |
| 1985 | 8                         | 92       | 100   | 19                        | 81       | 100   |
| 1986 | 11                        | 89       | 100   | 27                        | 73       | 100   |
| 1987 | 14                        | 86       | 100   | 32                        | 68       | 100   |
| 1988 | 12                        | 88       | 100   | 31                        | 69       | 100   |
| 1989 | 15                        | 85       | 100   | 39                        | 61       | 100   |
| 1990 | 13                        | 87       | 100   | 28                        | 72       | 100   |
| 1991 | 17                        | 83       | 100   | 33                        | 67       | 100   |
| 1992 | 17                        | 83       | 100   | 41                        | 59       | 100   |
| 1993 | 13                        | 87       | 100   | 30                        | 70       | 100   |
| 1994 | 14                        | 86       | 100   | 34                        | 66       | 100   |
| 1995 | 15                        | 85       | 100   | 36                        | 64       | 100   |
| 1996 | 12                        | 88       | 100   | 26                        | 74       | 100   |
| 1997 | 18                        | 82       | 100   | 43                        | 57       | 100   |
| 1998 | 15                        | 85       | 100   | 33                        | 67       | 100   |
| 1999 | 21                        | 79       | 100   | 45                        | 55       | 100   |
| 2000 | 11                        | 89       | 100   | 30                        | 70       | 100   |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 5.7

## México: Superficie cosechada y producción por modalidad de frijol

| Año  | Superficie<br>(Hectáreas) |           |           | Producción<br>(Toneladas) |           |           |
|------|---------------------------|-----------|-----------|---------------------------|-----------|-----------|
|      | Riego                     | Temporal  | Total     | Riego                     | Temporal  | Total     |
| 1970 | 62,998                    | 1,683,949 | 1,746,947 | 82,004                    | 843,037   | 925,041   |
| 1971 | 75,269                    | 1,889,857 | 1,965,126 | 94,239                    | 859,546   | 953,785   |
| 1972 | 63,990                    | 1,622,756 | 1,686,746 | 75,957                    | 793,552   | 869,509   |
| 1973 | 79,987                    | 1,789,699 | 1,869,686 | 100,989                   | 907,898   | 1,008,887 |
| 1974 | 153,988                   | 1,397,889 | 1,551,877 | 166,927                   | 804,649   | 971,576   |
| 1975 | 227,952                   | 1,524,680 | 1,752,632 | 266,078                   | 761,225   | 1,027,303 |
| 1976 | 170,976                   | 1,144,843 | 1,315,819 | 191,951                   | 547,861   | 739,812   |
| 1977 | 165,973                   | 1,464,759 | 1,630,732 | 203,025                   | 567,068   | 770,093   |
| 1978 | 206,160                   | 1,374,068 | 1,580,228 | 279,924                   | 668,820   | 948,744   |
| 1979 | 213,087                   | 838,344   | 1,051,431 | 274,791                   | 365,723   | 640,514   |
| 1980 | 225,974                   | 1,325,378 | 1,551,352 | 269,953                   | 665,221   | 935,174   |
| 1981 | 316,461                   | 1,674,108 | 1,990,569 | 392,865                   | 938,135   | 1,331,000 |
| 1982 | 330,134                   | 1,240,958 | 1,571,092 | 398,106                   | 581,894   | 980,000   |
| 1983 | 218,586                   | 1,739,215 | 1,957,801 | 294,756                   | 991,244   | 1,286,000 |
| 1984 | 161,508                   | 1,517,918 | 1,679,426 | 203,758                   | 727,242   | 931,000   |
| 1985 | 140,150                   | 1,642,191 | 1,782,341 | 175,904                   | 736,004   | 911,908   |
| 1986 | 207,537                   | 1,600,439 | 1,807,976 | 298,187                   | 786,643   | 1,084,830 |
| 1987 | 248,781                   | 1,538,285 | 1,787,066 | 323,717                   | 699,858   | 1,023,575 |
| 1988 | 239,044                   | 1,708,254 | 1,947,298 | 269,373                   | 587,814   | 857,187   |
| 1989 | 195,195                   | 1,125,656 | 1,320,851 | 233,164                   | 360,272   | 593,436   |
| 1990 | 268,127                   | 1,825,890 | 2,094,017 | 358,486                   | 928,878   | 1,287,364 |
| 1991 | 335,552                   | 1,653,429 | 1,988,981 | 450,033                   | 928,486   | 1,378,519 |
| 1992 | 217,310                   | 1,078,278 | 1,295,588 | 295,081                   | 423,493   | 718,574   |
| 1993 | 243,118                   | 1,630,744 | 1,873,862 | 381,930                   | 905,640   | 1,287,570 |
| 1994 | 301,636                   | 1,785,051 | 2,086,687 | 468,453                   | 895,787   | 1,364,240 |
| 1995 | 299,984                   | 1,740,463 | 2,040,447 | 451,697                   | 819,223   | 1,270,920 |
| 1996 | 237,515                   | 1,810,882 | 2,048,397 | 345,881                   | 1,003,321 | 1,349,202 |
| 1997 | 282,854                   | 1,332,203 | 1,615,057 | 414,829                   | 550,227   | 965,056   |
| 1998 | 312,225                   | 1,834,247 | 2,146,472 | 410,298                   | 850,412   | 1,260,710 |
| 1999 | 348,377                   | 1,346,282 | 1,694,700 | 481,802                   | 598,829   | 1,080,631 |
| 2000 | 240,964                   | 1,993,972 | 2,224,000 | 346,537                   | 811,232   | 1,157,769 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 5.8  
**México: Rendimientos, producción entre superficie cosechada de frijol**  
(kilogramos por hectárea)

| Año  | Total  | Riego    | Temporal |
|------|--------|----------|----------|
| 1970 | 529.52 | 1,301.68 | 500.63   |
| 1971 | 485.36 | 1,252.04 | 454.82   |
| 1972 | 515.49 | 1,187.01 | 489.02   |
| 1973 | 539.60 | 1,262.57 | 507.29   |
| 1974 | 626.07 | 1,084.03 | 575.62   |
| 1975 | 586.15 | 1,167.26 | 499.27   |
| 1976 | 562.24 | 1,122.68 | 478.55   |
| 1977 | 472.24 | 1,223.24 | 387.14   |
| 1978 | 600.38 | 1,357.80 | 486.74   |
| 1979 | 609.18 | 1,289.57 | 436.24   |
| 1980 | 602.81 | 1,194.62 | 501.91   |
| 1981 | 668.65 | 1,241.43 | 560.38   |
| 1982 | 623.77 | 1,205.89 | 468.91   |
| 1983 | 656.86 | 1,348.47 | 569.94   |
| 1984 | 554.36 | 1,261.60 | 479.10   |
| 1985 | 511.63 | 1,255.11 | 448.18   |
| 1986 | 600.02 | 1,436.79 | 491.52   |
| 1987 | 572.77 | 1,301.21 | 454.96   |
| 1988 | 440.19 | 1,126.88 | 344.10   |
| 1989 | 449.28 | 1,194.52 | 320.06   |
| 1990 | 614.78 | 1,337.00 | 508.73   |
| 1991 | 693.08 | 1,341.17 | 561.55   |
| 1992 | 554.63 | 1,357.88 | 392.75   |
| 1993 | 687.12 | 1,570.97 | 555.35   |
| 1994 | 653.78 | 1,553.04 | 501.83   |
| 1995 | 622.86 | 1,505.74 | 470.69   |
| 1996 | 658.66 | 1,456.25 | 554.05   |
| 1997 | 597.54 | 1,466.58 | 413.02   |
| 1998 | 587.34 | 1,314.11 | 463.63   |
| 1999 | 637.65 | 1,382.99 | 444.80   |
| 2000 | 520.58 | 1,438.13 | 406.84   |

Fuente: Elaborado por el CEFOP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 6.1

México: Oferta y demanda total de maíz

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA         | DEMANDA                |           |                           |                |              |            |               |                                        |
|------|------------|---------------|--------------------------|------------------------|-----------|---------------------------|----------------|--------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones | (c = a+b)<br>(c = d+h-k) | Consumo aparente total | Semillas  | Desperdicios <sup>1</sup> | Transformación | Alimentación | Otros usos | Exportaciones | Cambio en las existencias <sup>2</sup> |
|      | (a)        | (b)           |                          | (d = e+f+g+h+i)        | (e)       | (f)                       | (g)            | (h)          | (i)        | (j)           | (k)                                    |
| 1961 | 6,246,106  | 33,925        | 6,280,031.0              | 6,280,026              | 627,000   | 318,585                   | 361,841        | 168,100      | 4,804,500  | 5             | 0                                      |
| 1962 | 6,337,359  | 99,975        | 6,437,334.0              | 6,433,860              | 650,000   | 348,154                   | 370,383        | 167,987      | 4,897,336  | 3,474         | 0                                      |
| 1963 | 6,870,201  | 475,441       | 7,345,642.0              | 7,345,481              | 734,000   | 373,031                   | 980,916        | 170,343      | 5,087,191  | 161           | 0                                      |
| 1964 | 8,454,046  | 46,013        | 8,500,059.0              | 8,217,562              | 849,000   | 385,919                   | 1,607,530      | 197,198      | 5,177,915  | 282,497       | 0                                      |
| 1965 | 8,936,381  | 11,970        | 8,948,351.0              | 7,801,528              | 845,000   | 414,347                   | 596,871        | 322,161      | 5,423,149  | 1,346,823     | 0                                      |
| 1966 | 9,271,485  | 4,503         | 9,275,988.0              | 7,524,167              | 928,000   | 380,547                   | 414,115        | 261,930      | 5,539,575  | 851,821       | 900,000                                |
| 1967 | 8,603,279  | 4,930         | 8,608,209.0              | 7,654,285              | 985,000   | 383,792                   | 268,515        | 187,466      | 5,829,512  | 1,253,924     | -300,000                               |
| 1968 | 9,061,823  | 5,499         | 9,067,322.0              | 8,270,903              | 1,084,000 | 355,175                   | 341,090        | 269,286      | 6,221,352  | 886,419       | -100,000                               |
| 1969 | 8,410,891  | 8,442         | 8,419,333.0              | 8,130,491              | 988,000   | 371,984                   | 87,930         | 259,489      | 6,423,088  | 788,842       | -500,000                               |
| 1970 | 8,879,385  | 760,901       | 9,640,286.0              | 9,638,885              | 1,246,000 | 384,583                   | 1,321,060      | 263,158      | 6,424,084  | 1,401         | 0                                      |
| 1971 | 9,785,734  | 17,228        | 9,802,962.0              | 9,525,479              | 1,157,000 | 364,609                   | 1,091,646      | 317,294      | 6,594,930  | 277,483       | 0                                      |
| 1972 | 9,222,837  | 200,471       | 9,423,308.0              | 8,998,737              | 1,174,000 | 380,317                   | 448,305        | 314,807      | 6,681,308  | 424,571       | 0                                      |
| 1973 | 8,609,132  | 1,144,592     | 9,753,724.0              | 9,723,369              | 1,358,000 | 335,862                   | 835,879        | 316,526      | 6,877,102  | 30,355        | 0                                      |
| 1974 | 7,847,763  | 1,278,276     | 9,126,039.0              | 9,125,076              | 1,159,000 | 334,713                   | 225,265        | 357,684      | 7,048,414  | 963           | 0                                      |
| 1975 | 8,448,708  | 2,636,597     | 11,085,305.0             | 10,079,148             | 1,416,000 | 339,159                   | 598,106        | 386,230      | 7,339,653  | 6,157         | 1,000,000                              |
| 1976 | 8,017,294  | 912,428       | 8,929,722.0              | 9,925,748              | 1,142,000 | 373,482                   | 387,240        | 393,204      | 7,629,822  | 3,974         | -1,000,000                             |
| 1977 | 10,137,910 | 1,754,772     | 11,892,682.0             | 10,891,436             | 1,526,000 | 359,556                   | 734,436        | 440,181      | 7,831,263  | 1,246         | 1,000,000                              |
| 1978 | 10,930,080 | 1,419,763     | 12,349,843.0             | 11,348,188             | 1,577,000 | 352,150                   | 855,589        | 464,942      | 8,098,507  | 1,655         | 1,000,000                              |
| 1979 | 8,457,899  | 748,065       | 9,205,964.0              | 11,204,519             | 1,216,000 | 379,850                   | 799,324        | 514,978      | 8,294,367  | 1,445         | -2,000,000                             |
| 1980 | 12,374,400 | 3,781,633     | 16,156,033.0             | 14,155,642             | 2,055,000 | 435,000                   | 2,775,584      | 586,433      | 8,303,625  | 391           | 2,000,000                              |
| 1981 | 14,765,760 | 3,070,438     | 17,836,198.0             | 14,835,186             | 2,727,000 | 428,400                   | 2,463,899      | 683,880      | 8,532,007  | 1,012         | 3,000,000                              |
| 1982 | 10,030,000 | 373,034       | 10,403,034.0             | 13,401,851             | 1,595,000 | 422,450                   | 1,984,719      | 688,959      | 8,710,723  | 1,183         | -3,000,000                             |
| 1983 | 13,061,210 | 4,691,064     | 17,752,274.0             | 14,730,168             | 2,830,000 | 396,600                   | 1,771,560      | 633,639      | 9,098,369  | 22,106        | 3,000,000                              |
| 1984 | 12,931,640 | 2,499,088     | 15,430,728.0             | 14,425,802             | 3,000,000 | 418,300                   | 1,001,130      | 683,218      | 9,323,154  | 4,926         | 1,000,000                              |
| 1985 | 14,103,450 | 1,728,650     | 15,832,100.0             | 15,117,340             | 3,000,000 | 403,850                   | 1,238,448      | 695,711      | 9,779,331  | 14,760        | 700,000                                |
| 1986 | 11,721,470 | 1,705,372     | 13,426,842.0             | 15,722,036             | 3,000,000 | 414,700                   | 1,339,550      | 681,364      | 10,286,422 | 4,806         | -2,300,000                             |
| 1987 | 11,606,930 | 3,624,710     | 15,231,640.0             | 16,722,821             | 3,500,000 | 401,450                   | 1,679,978      | 701,250      | 10,440,143 | 8,819         | -1,500,000                             |
| 1988 | 10,599,500 | 3,304,490     | 13,903,990.0             | 16,287,628             | 2,500,000 | 378,213                   | 1,686,489      | 734,598      | 10,988,328 | 16,362        | -2,400,000                             |
| 1989 | 10,952,850 | 3,668,041     | 14,620,891.0             | 17,083,688             | 3,003,448 | 395,876                   | 1,761,162      | 848,896      | 11,074,306 | 37,203        | -2,500,000                             |
| 1990 | 14,635,439 | 4,020,276     | 18,655,715.0             | 17,650,554             | 3,588,080 | 386,502                   | 2,014,514      | 890,466      | 10,770,992 | 46,908        | 958,253                                |
| 1991 | 14,251,500 | 1,367,755     | 15,619,255.0             | 16,768,117             | 2,400,000 | 400,134                   | 1,906,886      | 968,054      | 11,093,043 | 3,069         | -1,151,931                             |
| 1992 | 16,929,342 | 1,305,106     | 18,234,448.0             | 17,229,154             | 2,760,000 | 412,380                   | 2,084,128      | 1,048,024    | 10,924,622 | 19,891        | 985,403                                |
| 1993 | 18,125,263 | 190,321       | 18,315,584.0             | 20,134,371             | 5,500,000 | 459,824                   | 2,018,176      | 1,070,138    | 11,086,233 | 50,202        | -1,868,989                             |
| 1994 | 18,235,826 | 2,263,253     | 20,499,079.0             | 18,910,061             | 4,336,320 | 453,982                   | 2,165,780      | 1,012,995    | 10,940,984 | 65,293        | 1,523,725                              |
| 1995 | 18,352,856 | 2,661,446     | 21,014,302.0             | 19,652,546             | 4,299,330 | 431,952                   | 2,117,866      | 1,070,586    | 11,732,812 | 96,243        | 1,265,513                              |
| 1996 | 18,025,952 | 5,844,002     | 23,869,954.0             | 21,007,054             | 5,389,866 | 456,654                   | 2,116,008      | 1,073,290    | 11,971,236 | 80,347        | 2,782,553                              |
| 1997 | 17,656,258 | 2,500,776     | 20,157,034.0             | 21,052,039             | 5,450,000 | 424,758                   | 2,108,424      | 1,085,000    | 11,983,857 | 134,050       | -1,029,055                             |
| 1998 | 18,454,710 | 5,218,573     | 23,673,283.0             | 23,442,312             | nd        | nd                        | nd             | nd           | nd         | 230,971       | 0                                      |
| 1999 | 18,314,345 | 5,498,845     | 23,813,190.0             | 23,795,378             | nd        | nd                        | nd             | nd           | nd         | 17,812        | 0                                      |
| 2000 | 18,760,838 | nd            | 18,760,838               | nd                     | nd        | nd                        | nd             | nd           | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

<sup>2</sup> Avance de cosecha a junio del 2000.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEPF de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 6.2

México: Balance interno de maíz

(Toneladas)

| Año  | Producción   | Consumo aparente total | Balance interno |
|------|--------------|------------------------|-----------------|
| 1961 | 6,246,106.0  | 6,280,026.0            | -33,920.0       |
| 1962 | 6,337,359.0  | 6,433,860.0            | -96,501.0       |
| 1963 | 6,870,201.0  | 7,345,481.0            | -475,280.0      |
| 1964 | 8,454,046.0  | 8,217,562.0            | 236,484.0       |
| 1965 | 8,936,381.0  | 7,601,528.0            | 1,334,853.0     |
| 1966 | 9,271,485.0  | 7,524,167.0            | 1,747,318.0     |
| 1967 | 8,603,279.0  | 7,654,285.0            | 948,994.0       |
| 1968 | 9,061,823.0  | 8,270,903.0            | 790,920.0       |
| 1969 | 8,410,891.0  | 8,130,491.0            | 280,400.0       |
| 1970 | 8,879,385.0  | 9,638,885.0            | -759,500.0      |
| 1971 | 9,785,734.0  | 9,525,479.0            | 260,255.0       |
| 1972 | 9,222,837.0  | 8,998,737.0            | 224,100.0       |
| 1973 | 8,609,132.0  | 9,723,369.0            | -1,114,237.0    |
| 1974 | 7,847,763.0  | 9,125,076.0            | -1,277,313.0    |
| 1975 | 8,448,708.0  | 10,079,148.0           | -1,630,440.0    |
| 1976 | 8,017,294.0  | 9,925,748.0            | -1,908,454.0    |
| 1977 | 10,137,910.0 | 10,891,436.0           | -753,526.0      |
| 1978 | 10,930,080.0 | 11,348,188.0           | -418,108.0      |
| 1979 | 8,457,899.0  | 11,204,519.0           | -2,746,620.0    |
| 1980 | 12,374,400.0 | 14,155,642.0           | -1,781,242.0    |
| 1981 | 14,765,760.0 | 14,835,186.0           | -69,426.0       |
| 1982 | 10,030,000.0 | 13,401,851.0           | -3,371,851.0    |
| 1983 | 13,061,210.0 | 14,730,168.0           | -1,668,958.0    |
| 1984 | 12,931,640.0 | 14,425,802.0           | -1,494,162.0    |
| 1985 | 14,103,450.0 | 15,117,340.0           | -1,013,890.0    |
| 1986 | 11,721,470.0 | 15,722,036.0           | -4,000,566.0    |
| 1987 | 11,606,930.0 | 16,722,821.0           | -5,115,891.0    |
| 1988 | 10,599,500.0 | 16,287,628.0           | -5,688,128.0    |
| 1989 | 10,952,850.0 | 17,083,688.0           | -6,130,838.0    |
| 1990 | 14,635,439.0 | 17,650,554.0           | -3,015,115.0    |
| 1991 | 14,251,500.0 | 16,768,117.0           | -2,516,617.0    |
| 1992 | 16,929,342.0 | 17,229,154.0           | -299,812.0      |
| 1993 | 18,125,263.0 | 20,134,371.0           | -2,009,108.0    |
| 1994 | 18,235,826.0 | 18,910,061.0           | -674,235.0      |
| 1995 | 18,352,856.0 | 19,652,546.0           | -1,299,690.0    |
| 1996 | 18,025,952.0 | 21,007,054.0           | -2,981,102.0    |
| 1997 | 17,666,258.0 | 21,052,039.0           | -3,385,781.0    |
| 1998 | 18,454,710.0 | 23,442,312.0           | -4,987,602.0    |
| 1999 | 18,314,345.0 | 23,795,378.0           | -5,481,033.0    |
| 2000 | 18,760,838.0 | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 6.3

## México: Rendimiento de maíz por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 6,287,747                          | 6,246,106.0               | 0.9934                              |
| 1962 | 6,371,704                          | 6,337,359.0               | 0.9946                              |
| 1963 | 6,963,077                          | 6,870,201.0               | 0.9867                              |
| 1964 | 7,460,627                          | 8,454,046.0               | 1.1332                              |
| 1965 | 7,718,371                          | 8,936,381.0               | 1.1578                              |
| 1966 | 8,286,935                          | 9,271,485.0               | 1.1188                              |
| 1967 | 7,610,932                          | 8,603,279.0               | 1.1304                              |
| 1968 | 7,675,845                          | 9,061,823.0               | 1.1806                              |
| 1969 | 7,103,509                          | 8,410,891.0               | 1.1840                              |
| 1970 | 7,439,684                          | 8,879,385.0               | 1.1935                              |
| 1971 | 7,691,656                          | 9,785,734.0               | 1.2723                              |
| 1972 | 7,292,180                          | 9,222,837.0               | 1.2648                              |
| 1973 | 7,606,341                          | 8,609,132.0               | 1.1318                              |
| 1974 | 6,717,234                          | 7,847,763.0               | 1.1683                              |
| 1975 | 6,694,267                          | 8,448,708.0               | 1.2621                              |
| 1976 | 6,783,184                          | 8,017,294.0               | 1.1819                              |
| 1977 | 7,469,649                          | 10,137,910.0              | 1.3572                              |
| 1978 | 7,191,128                          | 10,930,080.0              | 1.5199                              |
| 1979 | 5,581,158                          | 8,457,899.0               | 1.5154                              |
| 1980 | 6,776,479                          | 12,374,400.0              | 1.8261                              |
| 1981 | 7,668,692                          | 14,765,760.0              | 1.9255                              |
| 1982 | 5,629,549                          | 10,030,000.0              | 1.7817                              |
| 1983 | 7,421,317                          | 13,061,210.0              | 1.7600                              |
| 1984 | 6,892,682                          | 12,931,640.0              | 1.8761                              |
| 1985 | 7,589,537                          | 14,103,450.0              | 1.8583                              |
| 1986 | 6,470,501                          | 11,721,470.0              | 1.8115                              |
| 1987 | 6,804,274                          | 11,606,930.0              | 1.7058                              |
| 1988 | 6,502,674                          | 10,599,500.0              | 1.6300                              |
| 1989 | 6,469,702                          | 10,952,850.0              | 1.6929                              |
| 1990 | 7,338,872                          | 14,635,439.0              | 1.9942                              |
| 1991 | 6,946,831                          | 14,251,500.0              | 2.0515                              |
| 1992 | 7,219,352                          | 16,929,342.0              | 2.3450                              |
| 1993 | 7,428,220                          | 18,125,263.0              | 2.4401                              |
| 1994 | 8,193,968                          | 18,235,826.0              | 2.2255                              |
| 1995 | 8,020,392                          | 18,352,856.0              | 2.2883                              |
| 1996 | 8,050,931                          | 18,025,952.0              | 2.2390                              |
| 1997 | 7,406,061                          | 17,656,258.0              | 2.3840                              |
| 1998 | 7,876,800                          | 18,454,710.0              | 2.3429                              |
| 1999 | 7,150,800                          | 18,314,345.0              | 2.5612                              |
| 2000 | 8,641,100                          | 18,760,838.0              | 2.1711                              |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 6.4

México: Producción y consumo de maíz por habitante  
(Kilogramos)

| Año  | Población Nacional | Producción /Población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 172.4739              | 173.4106                   | -0.9366                   |
| 1962 | 37,486,139         | 169.0587              | 171.6330                   | -2.5743                   |
| 1963 | 38,800,538         | 177.0646              | 169.3139                   | -12.2493                  |
| 1964 | 40,147,986         | 210.5721              | 204.6818                   | 5.8903                    |
| 1965 | 41,535,828         | 215.1487              | 183.0114                   | 32.1374                   |
| 1966 | 42,955,469         | 215.8395              | 175.1620                   | 40.6774                   |
| 1967 | 44,397,880         | 193.7768              | 172.4020                   | 21.3748                   |
| 1968 | 45,859,633         | 197.5991              | 180.3526                   | 17.2465                   |
| 1969 | 47,337,567         | 177.6790              | 171.7556                   | 6.9234                    |
| 1970 | 48,852,306         | 181.7598              | 197.3067                   | -15.5469                  |
| 1971 | 50,393,091         | 194.1880              | 189.0235                   | 6.1645                    |
| 1972 | 51,948,772         | 177.5372              | 173.2233                   | 4.3139                    |
| 1973 | 53,517,788         | 160.8649              | 181.6848                   | -20.8199                  |
| 1974 | 55,104,892         | 142.4152              | 165.5848                   | -23.1797                  |
| 1975 | 56,687,703         | 149.0395              | 177.6013                   | -28.7618                  |
| 1976 | 58,291,820         | 137.5372              | 170.2769                   | -32.7397                  |
| 1977 | 59,900,617         | 168.2455              | 181.6251                   | -12.5796                  |
| 1978 | 61,527,486         | 177.6455              | 184.4410                   | -6.7955                   |
| 1979 | 63,161,213         | 133.9097              | 177.3956                   | -43.4859                  |
| 1980 | 64,788,572         | 180.9966              | 218.4898                   | -27.4932                  |
| 1981 | 66,425,164         | 222.2917              | 223.3368                   | -1.0452                   |
| 1982 | 68,081,155         | 147.3242              | 196.6511                   | -49.3269                  |
| 1983 | 69,744,148         | 167.2732              | 211.2029                   | -23.9297                  |
| 1984 | 71,421,164         | 181.0617              | 201.9822                   | -20.9204                  |
| 1985 | 73,112,440         | 192.9008              | 206.7884                   | -13.8876                  |
| 1986 | 74,817,783         | 156.6869              | 210.1377                   | -53.4708                  |
| 1987 | 76,536,428         | 151.6524              | 218.4949                   | -66.8426                  |
| 1988 | 78,266,888         | 135.4276              | 208.1037                   | -72.6760                  |
| 1989 | 80,019,134         | 136.8779              | 213.4950                   | -76.6172                  |
| 1990 | 81,781,347         | 178.9582              | 215.8052                   | -36.8469                  |
| 1991 | 83,564,530         | 170.5653              | 200.6847                   | -30.1195                  |
| 1992 | 85,348,102         | 198.3554              | 201.8692                   | -3.5128                   |
| 1993 | 87,117,454         | 208.0554              | 231.1175                   | -23.0621                  |
| 1994 | 88,863,239         | 205.2123              | 212.7396                   | -7.5827                   |
| 1995 | 90,578,718         | 202.6177              | 216.9665                   | -14.3487                  |
| 1996 | 92,228,065         | 195.4497              | 227.7729                   | -32.3232                  |
| 1997 | 93,813,863         | 188.2050              | 224.4020                   | -36.1970                  |
| 1998 | 95,326,450         | 193.5949              | 245.9161                   | -52.3213                  |
| 1999 | 96,714,381         | 188.3653              | 246.0376                   | -56.6724                  |
| 2000 | 97,925,686         | 191.5820              | nd                         | nd                        |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SARN, Consumo aparente de productos agrícolas, SARN, 1963, México y FAO, Banco de datos FACSTAT, FAO, 1988, Italia, Noviembre de 2000.

SECTOR AGROPECUARIO  
CUADRO 6.5  
México: Oferta y demanda total de maíz  
(Porcentaje)

| Año  | OFERTA     |               | OFERTA - DEMANDA<br>(c = a+b)<br>(c = d+e+k) | DEMANDA                |          |                           |                |              |            |               |                                        |
|------|------------|---------------|----------------------------------------------|------------------------|----------|---------------------------|----------------|--------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                              | Consumo aparente total | Semillas | Desperdicios <sup>1</sup> | Transformación | Alimentación | Otros usos | Exportaciones | Cambio en las existencias <sup>2</sup> |
|      | (a)        | (b)           |                                              | (d = e+g+h+i)          | (e)      | (f)                       | (g)            | (h)          | (i)        | (j)           | (k)                                    |
| 1961 | 99.46      | 0.54          | 100.00                                       | 100.00                 | 9.98     | 5.07                      | 5.76           | 2.68         | 76.60      | 0.00          | 0.00                                   |
| 1962 | 98.45      | 1.55          | 100.00                                       | 99.95                  | 10.10    | 5.41                      | 5.76           | 2.61         | 76.12      | 0.05          | 0.00                                   |
| 1963 | 93.63      | 6.47          | 100.00                                       | 100.00                 | 9.99     | 5.08                      | 13.35          | 2.32         | 69.26      | 0.00          | 0.00                                   |
| 1964 | 99.46      | 0.54          | 100.00                                       | 96.68                  | 10.33    | 4.70                      | 19.96          | 2.40         | 63.01      | 3.32          | 0.00                                   |
| 1965 | 99.67      | 0.13          | 100.00                                       | 84.95                  | 11.12    | 5.45                      | 7.85           | 4.24         | 71.34      | 15.05         | 0.00                                   |
| 1966 | 99.96      | 0.05          | 100.00                                       | 81.11                  | 12.33    | 5.06                      | 5.90           | 3.48         | 73.62      | 9.18          | 9.70                                   |
| 1967 | 99.94      | 0.06          | 100.00                                       | 66.92                  | 12.67    | 5.01                      | 3.51           | 2.45         | 76.16      | 14.57         | -3.49                                  |
| 1968 | 99.94      | 0.06          | 100.00                                       | 91.22                  | 13.11    | 4.29                      | 4.12           | 3.26         | 75.22      | 9.69          | -1.10                                  |
| 1969 | 99.90      | 0.10          | 100.00                                       | 96.57                  | 12.15    | 4.58                      | 1.08           | 3.19         | 79.00      | 9.37          | -5.94                                  |
| 1970 | 92.11      | 7.89          | 100.00                                       | 99.99                  | 12.93    | 3.99                      | 13.71          | 2.73         | 66.65      | 0.01          | 0.00                                   |
| 1971 | 99.62      | 0.18          | 100.00                                       | 97.17                  | 12.15    | 3.63                      | 11.46          | 3.33         | 69.23      | 2.63          | 0.00                                   |
| 1972 | 97.67      | 2.13          | 100.00                                       | 95.49                  | 13.05    | 4.23                      | 4.93           | 3.50         | 74.25      | 4.51          | 0.00                                   |
| 1973 | 88.27      | 11.73         | 100.00                                       | 99.69                  | 13.97    | 3.45                      | 8.80           | 3.26         | 70.73      | 0.31          | 0.00                                   |
| 1974 | 85.99      | 14.01         | 100.00                                       | 99.99                  | 12.70    | 3.67                      | 2.47           | 3.92         | 77.24      | 0.01          | 0.00                                   |
| 1975 | 76.22      | 23.78         | 100.00                                       | 90.92                  | 14.05    | 3.36                      | 5.93           | 3.63         | 72.62      | 0.06          | 9.02                                   |
| 1976 | 89.78      | 10.22         | 100.00                                       | 111.15                 | 11.51    | 3.76                      | 3.90           | 3.96         | 76.67      | 0.04          | -11.20                                 |
| 1977 | 85.24      | 14.76         | 100.00                                       | 91.58                  | 14.01    | 3.30                      | 6.74           | 4.04         | 71.90      | 0.01          | 8.41                                   |
| 1978 | 89.60      | 11.50         | 100.00                                       | 91.89                  | 13.90    | 3.10                      | 7.54           | 4.10         | 71.36      | 0.01          | 8.10                                   |
| 1979 | 91.67      | 8.13          | 100.00                                       | 121.71                 | 10.85    | 3.39                      | 7.13           | 4.60         | 74.03      | 0.02          | -21.73                                 |
| 1980 | 76.69      | 23.41         | 100.00                                       | 87.62                  | 14.52    | 3.07                      | 19.61          | 4.14         | 59.66      | 0.00          | 12.38                                  |
| 1981 | 82.79      | 17.21         | 100.00                                       | 83.17                  | 18.39    | 2.89                      | 16.61          | 4.61         | 57.51      | 0.01          | 16.62                                  |
| 1982 | 96.41      | 3.59          | 100.00                                       | 128.63                 | 11.90    | 3.15                      | 14.81          | 5.14         | 65.00      | 0.01          | -29.64                                 |
| 1983 | 73.67      | 26.43         | 100.00                                       | 82.98                  | 19.21    | 2.69                      | 12.03          | 4.30         | 61.77      | 0.12          | 16.90                                  |
| 1984 | 83.80      | 16.20         | 100.00                                       | 93.49                  | 20.80    | 2.90                      | 6.94           | 4.74         | 64.63      | 0.03          | 6.48                                   |
| 1985 | 89.08      | 10.92         | 100.00                                       | 95.49                  | 19.84    | 2.67                      | 8.19           | 4.60         | 64.69      | 0.09          | 4.42                                   |
| 1986 | 87.30      | 12.70         | 100.00                                       | 117.09                 | 19.09    | 2.64                      | 8.52           | 4.33         | 65.43      | 0.04          | -17.13                                 |
| 1987 | 76.20      | 23.80         | 100.00                                       | 109.79                 | 20.93    | 2.40                      | 10.05          | 4.18         | 62.43      | 0.06          | -9.85                                  |
| 1988 | 76.23      | 23.77         | 100.00                                       | 117.14                 | 15.35    | 2.32                      | 10.35          | 4.51         | 67.46      | 0.12          | -17.26                                 |
| 1989 | 74.91      | 25.09         | 100.00                                       | 116.84                 | 17.99    | 2.32                      | 10.31          | 4.97         | 64.62      | 0.25          | -17.10                                 |
| 1990 | 78.45      | 21.55         | 100.00                                       | 94.61                  | 20.33    | 2.19                      | 11.41          | 5.04         | 61.02      | 0.25          | 5.14                                   |
| 1991 | 91.24      | 8.76          | 100.00                                       | 107.36                 | 14.31    | 2.39                      | 11.37          | 5.77         | 66.16      | 0.02          | -7.38                                  |
| 1992 | 92.64      | 7.16          | 100.00                                       | 94.49                  | 16.02    | 2.39                      | 12.10          | 6.08         | 63.41      | 0.11          | 5.40                                   |
| 1993 | 98.96      | 1.04          | 100.00                                       | 109.93                 | 27.32    | 2.28                      | 10.02          | 5.31         | 55.06      | 0.27          | -10.20                                 |
| 1994 | 88.96      | 11.04         | 100.00                                       | 92.25                  | 22.93    | 2.40                      | 11.45          | 5.36         | 57.66      | 0.32          | 7.43                                   |
| 1995 | 87.34      | 12.66         | 100.00                                       | 93.52                  | 21.88    | 2.20                      | 10.78          | 5.45         | 59.70      | 0.46          | 6.02                                   |
| 1996 | 75.62      | 24.48         | 100.00                                       | 88.01                  | 25.66    | 2.17                      | 10.07          | 5.11         | 56.99      | 0.34          | 11.66                                  |
| 1997 | 87.69      | 12.41         | 100.00                                       | 104.44                 | 25.89    | 2.02                      | 10.02          | 5.15         | 56.92      | 0.67          | -5.11                                  |
| 1998 | 77.96      | 22.04         | 100.00                                       | 99.02                  | nd       | nd                        | nd             | nd           | nd         | 0.98          | 0.00                                   |
| 1999 | 75.91      | 23.09         | 100.00                                       | 99.93                  | nd       | nd                        | nd             | nd           | nd         | 0.07          | 0.00                                   |
| 2000 | nd         | nd            | 100.00                                       | nd                     | nd       | nd                        | nd             | nd           | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.

<sup>2</sup> El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumo aparente de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FACSTAT, FAO, 1999, Italia, noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 6.6

### México: Superficie cosechada y producción por modalidad de maíz

(Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 6                         | 94       | 100   | 13                        | 87       | 100   |
| 1971 | 6                         | 94       | 100   | 11                        | 89       | 100   |
| 1972 | 6                         | 94       | 100   | 11                        | 89       | 100   |
| 1973 | 8                         | 92       | 100   | 15                        | 85       | 100   |
| 1974 | 10                        | 90       | 100   | 18                        | 82       | 100   |
| 1975 | 10                        | 90       | 100   | 18                        | 82       | 100   |
| 1976 | 11                        | 89       | 100   | 22                        | 78       | 100   |
| 1977 | 13                        | 87       | 100   | 24                        | 76       | 100   |
| 1978 | 13                        | 87       | 100   | 24                        | 76       | 100   |
| 1979 | 15                        | 85       | 100   | 28                        | 72       | 100   |
| 1980 | 16                        | 84       | 100   | 25                        | 75       | 100   |
| 1981 | 13                        | 87       | 100   | 21                        | 79       | 100   |
| 1982 | 18                        | 82       | 100   | 29                        | 71       | 100   |
| 1983 | 13                        | 87       | 100   | 21                        | 79       | 100   |
| 1984 | 13                        | 87       | 100   | 22                        | 78       | 100   |
| 1985 | 13                        | 87       | 100   | 23                        | 77       | 100   |
| 1986 | 15                        | 85       | 100   | 26                        | 74       | 100   |
| 1987 | 13                        | 87       | 100   | 23                        | 77       | 100   |
| 1988 | 14                        | 86       | 100   | 27                        | 73       | 100   |
| 1989 | 14                        | 86       | 100   | 25                        | 75       | 100   |
| 1990 | 13                        | 87       | 100   | 23                        | 77       | 100   |
| 1991 | 17                        | 83       | 100   | 30                        | 70       | 100   |
| 1992 | 18                        | 82       | 100   | 32                        | 68       | 100   |
| 1993 | 22                        | 78       | 100   | 43                        | 57       | 100   |
| 1994 | 22                        | 78       | 100   | 47                        | 53       | 100   |
| 1995 | 18                        | 82       | 100   | 34                        | 66       | 100   |
| 1996 | 15                        | 85       | 100   | 32                        | 68       | 100   |
| 1997 | 18                        | 82       | 100   | 39                        | 61       | 100   |
| 1998 | 15                        | 85       | 100   | 33                        | 67       | 100   |
| 1999 | 14                        | 86       | 100   | 28                        | 72       | 100   |
| 2000 | 13                        | 87       | 100   | 29                        | 71       | 100   |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 6.7

## México: Superficie cosechada y producción por modalidad de maíz

| Año  | Superficie<br>(Hectáreas) |           |           | Producción<br>(Toneladas) |            |            |
|------|---------------------------|-----------|-----------|---------------------------|------------|------------|
|      | Riego                     | Temporal  | Total     | Riego                     | Temporal   | Total      |
| 1970 | 457,981                   | 6,981,703 | 7,439,684 | 1,198,052                 | 7,681,333  | 8,879,385  |
| 1971 | 428,981                   | 7,262,675 | 7,691,656 | 1,041,972                 | 8,743,762  | 9,785,734  |
| 1972 | 439,011                   | 6,853,169 | 7,292,180 | 977,983                   | 8,244,854  | 9,222,837  |
| 1973 | 583,026                   | 7,023,315 | 7,606,341 | 1,303,020                 | 7,306,112  | 8,609,132  |
| 1974 | 645,022                   | 6,072,212 | 6,717,234 | 1,399,958                 | 6,447,805  | 7,847,763  |
| 1975 | 678,027                   | 6,016,240 | 6,694,267 | 1,561,946                 | 6,886,762  | 8,448,708  |
| 1976 | 725,020                   | 6,058,164 | 6,783,184 | 1,743,064                 | 6,274,230  | 8,017,294  |
| 1977 | 978,954                   | 6,490,695 | 7,469,649 | 2,428,978                 | 7,708,932  | 10,137,910 |
| 1978 | 947,017                   | 6,244,111 | 7,191,128 | 2,621,019                 | 8,309,061  | 10,930,080 |
| 1979 | 856,024                   | 4,725,134 | 5,581,158 | 2,395,971                 | 6,061,928  | 8,457,899  |
| 1980 | 1,117,141                 | 5,659,338 | 6,776,479 | 3,041,759                 | 9,332,641  | 12,374,400 |
| 1981 | 980,593                   | 6,688,099 | 7,668,692 | 3,166,294                 | 11,599,466 | 14,765,760 |
| 1982 | 1,009,058                 | 4,620,491 | 5,629,549 | 2,900,298                 | 7,129,702  | 10,030,000 |
| 1983 | 951,421                   | 6,469,896 | 7,421,317 | 2,698,821                 | 10,362,389 | 13,061,210 |
| 1984 | 883,060                   | 6,009,622 | 6,892,682 | 2,829,652                 | 10,101,988 | 12,931,640 |
| 1985 | 978,190                   | 6,611,347 | 7,589,537 | 3,285,767                 | 10,817,683 | 14,103,450 |
| 1986 | 973,765                   | 5,496,736 | 6,470,501 | 3,042,339                 | 8,679,131  | 11,721,470 |
| 1987 | 913,794                   | 5,890,480 | 6,804,274 | 2,708,339                 | 8,898,591  | 11,606,930 |
| 1988 | 918,438                   | 5,584,236 | 6,502,674 | 2,817,316                 | 7,782,184  | 10,599,500 |
| 1989 | 931,439                   | 5,538,263 | 6,469,702 | 2,723,774                 | 8,229,076  | 10,952,850 |
| 1990 | 930,857                   | 6,408,015 | 7,338,872 | 3,308,531                 | 11,326,909 | 14,635,440 |
| 1991 | 1,154,508                 | 5,792,323 | 6,946,831 | 4,272,790                 | 9,978,710  | 14,251,500 |
| 1992 | 1,311,056                 | 5,908,296 | 7,219,352 | 5,400,869                 | 11,528,473 | 16,929,342 |
| 1993 | 1,664,089                 | 5,764,131 | 7,428,220 | 7,703,674                 | 10,421,626 | 18,125,263 |
| 1994 | 1,842,858                 | 6,351,110 | 8,193,968 | 8,575,389                 | 9,660,437  | 18,235,826 |
| 1995 | 1,427,635                 | 6,592,757 | 8,020,392 | 6,282,634                 | 12,070,222 | 18,352,856 |
| 1996 | 1,208,664                 | 6,842,267 | 8,050,931 | 5,709,593                 | 12,316,359 | 18,025,952 |
| 1997 | 1,358,532                 | 6,047,529 | 7,406,061 | 6,922,452                 | 10,733,806 | 17,656,258 |
| 1998 | 1,174,104                 | 6,702,696 | 7,876,800 | 6,104,276                 | 12,350,434 | 18,454,710 |
| 1999 | 1,002,126                 | 6,148,703 | 7,150,800 | 5,057,179                 | 13,257,166 | 18,314,345 |
| 2000 | 1,090,015                 | 7,571,363 | 8,641,100 | 5,493,528                 | 13,267,310 | 18,760,838 |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 6.8

### México: Rendimientos, producción entre superficie cosechada de maíz

(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 1,193.52 | 2,615.95 | 1,100.21 |
| 1971 | 1,272.25 | 2,428.95 | 1,203.93 |
| 1972 | 1,264.76 | 2,227.70 | 1,203.07 |
| 1973 | 1,131.84 | 2,234.93 | 1,040.27 |
| 1974 | 1,168.30 | 2,170.40 | 1,061.85 |
| 1975 | 1,262.08 | 2,303.66 | 1,144.70 |
| 1976 | 1,181.94 | 2,404.16 | 1,035.67 |
| 1977 | 1,357.21 | 2,481.20 | 1,187.69 |
| 1978 | 1,519.94 | 2,767.66 | 1,330.70 |
| 1979 | 1,515.44 | 2,798.95 | 1,282.91 |
| 1980 | 1,826.08 | 2,722.81 | 1,649.07 |
| 1981 | 1,925.46 | 3,228.96 | 1,734.34 |
| 1982 | 1,781.67 | 2,874.26 | 1,543.06 |
| 1983 | 1,759.96 | 2,836.62 | 1,601.63 |
| 1984 | 1,876.14 | 3,204.37 | 1,680.97 |
| 1985 | 1,858.28 | 3,359.03 | 1,636.23 |
| 1986 | 1,811.52 | 3,124.31 | 1,578.96 |
| 1987 | 1,705.83 | 2,963.84 | 1,510.67 |
| 1988 | 1,630.02 | 3,067.51 | 1,393.60 |
| 1989 | 1,692.95 | 2,924.26 | 1,485.86 |
| 1990 | 1,994.24 | 3,554.29 | 1,767.62 |
| 1991 | 2,051.51 | 3,700.96 | 1,722.75 |
| 1992 | 2,344.99 | 4,119.48 | 1,951.23 |
| 1993 | 2,440.05 | 4,629.36 | 1,808.01 |
| 1994 | 2,225.52 | 4,653.31 | 1,521.06 |
| 1995 | 2,288.27 | 4,400.73 | 1,830.83 |
| 1996 | 2,238.99 | 4,723.89 | 1,800.04 |
| 1997 | 2,384.03 | 5,095.54 | 1,774.91 |
| 1998 | 2,342.92 | 5,199.09 | 1,842.61 |
| 1999 | 2,561.16 | 5,046.45 | 2,156.09 |
| 2000 | 2,171.12 | 5,039.86 | 1,752.30 |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 7.1

## México: Oferta y demanda total de la semilla de algodón

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA         | DEMANDA                   |          |                |            |               |                                        |
|------|------------|---------------|--------------------------|---------------------------|----------|----------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones | (c = a+b)<br>(c = d+h-i) | Consumo aparente<br>total | Semillas | Transformación | Otros usos | Exportaciones | Cambio en las existencias <sup>1</sup> |
|      | (a)        | (b)           |                          | (d = e+f+g)               | (e)      | (f)            | (g)        | (h)           | (i)                                    |
| 1961 | 766,507    | 1,871         | 768,378                  | 568,294                   | 27,546   | 527,000        | 13,748     | 84            | 200,000                                |
| 1962 | 824,812    | 1,598         | 826,410                  | 776,351                   | 29,630   | 634,000        | 112,721    | 59            | 50,000                                 |
| 1963 | 907,652    | 1,388         | 909,040                  | 868,946                   | 28,304   | 730,000        | 110,642    | 94            | 40,000                                 |
| 1964 | 932,192    | 1,074         | 933,266                  | 983,181                   | 28,466   | 931,000        | 23,715     | 85            | -50,000                                |
| 1965 | 952,880    | 1,022         | 953,902                  | 943,886                   | 24,338   | 893,000        | 26,528     | 36            | 10,000                                 |
| 1966 | 857,686    | 707           | 858,393                  | 993,252                   | 23,171   | 922,000        | 48,081     | 141           | -135,000                               |
| 1967 | 810,983    | 1,379         | 812,362                  | 905,780                   | 24,687   | 836,100        | 44,993     | 1,582         | -95,000                                |
| 1968 | 966,011    | 774           | 966,785                  | 798,557                   | 17,963   | 730,950        | 49,644     | 228           | 168,000                                |
| 1969 | 636,815    | 6,477         | 643,292                  | 873,098                   | 14,391   | 809,100        | 49,607     | 194           | -230,000                               |
| 1970 | 547,543    | 32,429        | 579,972                  | 587,900                   | 16,023   | 533,800        | 38,077     | 72            | -8,000                                 |
| 1971 | 623,500    | 28,703        | 652,203                  | 502,109                   | 18,320   | 433,100        | 50,689     | 94            | 150,000                                |
| 1972 | 669,784    | 239           | 670,023                  | 640,023                   | 14,880   | 564,200        | 60,943     | 0             | 30,000                                 |
| 1973 | 595,477    | 308           | 595,785                  | 595,781                   | 20,241   | 515,000        | 60,540     | 4             | 0                                      |
| 1974 | 826,373    | 35,338        | 861,711                  | 661,711                   | 7,937    | 555,900        | 97,874     | 0             | 200,000                                |
| 1975 | 320,335    | 2,676         | 323,011                  | 672,913                   | 8,224    | 604,000        | 60,689     | 98            | -350,000                               |
| 1976 | 348,928    | 108,084       | 457,012                  | 496,790                   | 14,687   | 386,560        | 95,543     | 222           | -40,000                                |
| 1977 | 658,733    | 40,250        | 698,983                  | 553,983                   | 12,242   | 391,600        | 150,141    | 0             | 145,000                                |
| 1978 | 575,807    | 44,662        | 620,469                  | 590,469                   | 13,121   | 387,000        | 190,348    | 0             | 30,000                                 |
| 1979 | 553,045    | 2,148         | 555,193                  | 505,193                   | 12,437   | 314,840        | 177,916    | 0             | 50,000                                 |
| 1980 | 572,323    | 142,218       | 714,541                  | 514,541                   | 12,424   | 291,680        | 210,437    | 0             | 200,000                                |
| 1981 | 530,159    | 13,286        | 543,445                  | 453,440                   | 7,017    | 283,850        | 162,573    | 5             | 90,000                                 |
| 1982 | 288,996    | 4,208         | 293,204                  | 553,204                   | 8,129    | 432,823        | 112,252    | 0             | -260,000                               |
| 1983 | 355,231    | 32,878        | 388,109                  | 408,109                   | 11,075   | 295,525        | 101,509    | 0             | -20,000                                |
| 1984 | 454,000    | 52,677        | 506,677                  | 446,674                   | 6,911    | 382,000        | 57,763     | 3             | 60,000                                 |
| 1985 | 317,383    | 64,707        | 382,090                  | 442,090                   | 5,503    | 379,000        | 57,587     | 0             | -60,000                                |
| 1986 | 225,522    | 13,771        | 239,293                  | 339,293                   | 7,764    | 295,700        | 35,829     | 0             | -100,000                               |
| 1987 | 413,746    | 20,308        | 434,054                  | 304,054                   | 10,432   | 262,700        | 30,922     | 0             | 130,000                                |
| 1988 | 490,612    | 43,844        | 534,456                  | 484,456                   | 6,226    | 444,300        | 33,930     | 0             | 50,000                                 |
| 1989 | 254,609    | 37,619        | 292,228                  | 452,228                   | 7,692    | 425,400        | 19,136     | 0             | -160,000                               |
| 1990 | 293,334    | 47,600        | 340,934                  | 308,016                   | 8,704    | 279,200        | 20,112     | 385           | 32,533                                 |
| 1991 | 307,269    | 94,002        | 401,271                  | 365,413                   | 1,617    | 349,900        | 13,896     | 2,749         | 33,109                                 |
| 1992 | 50,384     | 232,824       | 283,208                  | 350,411                   | 1,392    | 314,400        | 34,619     | 235           | -67,438                                |
| 1993 | 41,824     | 145,168       | 186,992                  | 262,509                   | 5,911    | 168,000        | 88,598     | 319           | -75,836                                |
| 1994 | 187,053    | 170,455       | 357,508                  | 352,579                   | 9,612    | 176,000        | 166,967    | 729           | 4,200                                  |
| 1995 | 343,874    | 84,647        | 428,521                  | 391,102                   | 10,744   | 288,000        | 92,358     | 2,347         | 35,072                                 |
| 1996 | 420,892    | 12,479        | 433,371                  | 492,171                   | 6,912    | 385,000        | 100,259    | 3,617         | -62,417                                |
| 1997 | 347,690    | 17,932        | 365,622                  | 451,297                   | 7,000    | 373,300        | 70,997     | 910           | -86,585                                |
| 1998 | 387,968    | 120,767       | 508,735                  | 503,256                   | nd       | nd             | nd         | 5,479         | 0                                      |
| 1999 | 233,180    | 153,580       | 386,760                  | 384,743                   | nd       | nd             | nd         | 2,017         | 0                                      |
| 2000 | 214,888    | nd            | 214,888                  | nd                        | nd       | nd             | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 7.2  
**México: Balance interno del semilla de algodón**  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 766,507    | 568,294                | 198,213         |
| 1962 | 824,812    | 776,351                | 48,461          |
| 1963 | 907,652    | 868,946                | 38,706          |
| 1964 | 932,192    | 983,181                | -50,989         |
| 1965 | 952,880    | 943,866                | 9,014           |
| 1966 | 857,686    | 993,252                | -135,566        |
| 1967 | 810,983    | 905,780                | -94,797         |
| 1968 | 966,011    | 798,557                | 167,454         |
| 1969 | 636,815    | 873,098                | -236,283        |
| 1970 | 547,543    | 587,900                | -40,357         |
| 1971 | 623,500    | 502,109                | 121,391         |
| 1972 | 669,784    | 640,023                | 29,761          |
| 1973 | 595,477    | 595,781                | -304            |
| 1974 | 826,373    | 661,711                | 164,662         |
| 1975 | 320,335    | 672,913                | -352,578        |
| 1976 | 348,928    | 496,790                | -147,862        |
| 1977 | 658,733    | 553,983                | 104,750         |
| 1978 | 575,807    | 590,469                | -14,662         |
| 1979 | 553,045    | 505,193                | 47,852          |
| 1980 | 572,323    | 514,541                | 57,782          |
| 1981 | 530,159    | 453,440                | 76,719          |
| 1982 | 288,996    | 553,204                | -264,208        |
| 1983 | 355,231    | 408,109                | -52,878         |
| 1984 | 454,000    | 446,674                | 7,326           |
| 1985 | 317,383    | 442,090                | -124,707        |
| 1986 | 225,522    | 339,293                | -113,771        |
| 1987 | 413,746    | 304,054                | 109,692         |
| 1988 | 490,612    | 484,456                | 6,156           |
| 1989 | 254,609    | 452,228                | -197,619        |
| 1990 | 293,334    | 308,016                | -14,682         |
| 1991 | 307,269    | 365,413                | -58,144         |
| 1992 | 50,384     | 350,411                | -300,027        |
| 1993 | 41,824     | 262,509                | -220,685        |
| 1994 | 187,053    | 352,579                | -165,526        |
| 1995 | 343,874    | 391,102                | -47,228         |
| 1996 | 420,892    | 492,171                | -71,279         |
| 1997 | 347,690    | 451,297                | -103,607        |
| 1998 | 387,968    | 503,256                | -115,288        |
| 1999 | 233,180    | 384,743                | -151,563        |
| 2000 | 214,888    | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 7.3

México: Rendimiento del semilla de algodón por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 793,964                            | 766,507                   | 0.9654                              |
| 1962 | 787,025                            | 824,812                   | 1.0480                              |
| 1963 | 846,580                            | 907,652                   | 1.0721                              |
| 1964 | 808,690                            | 932,192                   | 1.1527                              |
| 1965 | 813,318                            | 952,880                   | 1.1716                              |
| 1966 | 695,379                            | 857,686                   | 1.2334                              |
| 1967 | 662,018                            | 810,983                   | 1.2250                              |
| 1968 | 705,335                            | 966,011                   | 1.3696                              |
| 1969 | 513,224                            | 636,815                   | 1.2408                              |
| 1970 | 411,172                            | 547,543                   | 1.3317                              |
| 1971 | 457,799                            | 623,500                   | 1.3620                              |
| 1972 | 523,426                            | 669,784                   | 1.2796                              |
| 1973 | 425,134                            | 595,477                   | 1.4007                              |
| 1974 | 578,322                            | 826,373                   | 1.4289                              |
| 1975 | 226,783                            | 320,335                   | 1.4125                              |
| 1976 | 234,981                            | 348,928                   | 1.4849                              |
| 1977 | 419,630                            | 658,733                   | 1.5698                              |
| 1978 | 349,767                            | 575,807                   | 1.6463                              |
| 1979 | 374,878                            | 553,045                   | 1.4753                              |
| 1980 | 355,330                            | 572,323                   | 1.6107                              |
| 1981 | 349,210                            | 530,159                   | 1.5182                              |
| 1982 | 170,277                            | 288,996                   | 1.6972                              |
| 1983 | 212,744                            | 355,231                   | 1.6698                              |
| 1984 | 289,108                            | 454,000                   | 1.5703                              |
| 1985 | 197,461                            | 317,383                   | 1.6073                              |
| 1986 | 164,502                            | 225,522                   | 1.3709                              |
| 1987 | 224,256                            | 413,746                   | 1.8450                              |
| 1988 | 298,059                            | 490,612                   | 1.6460                              |
| 1989 | 177,895                            | 254,609                   | 1.4312                              |
| 1990 | 219,772                            | 293,334                   | 1.3347                              |
| 1991 | 248,677                            | 307,269                   | 1.2356                              |
| 1992 | 46,195                             | 50,384                    | 1.0907                              |
| 1993 | 39,765                             | 41,824                    | 1.0518                              |
| 1994 | 168,879                            | 187,053                   | 1.1076                              |
| 1995 | 274,617                            | 343,874                   | 1.2522                              |
| 1996 | 306,984                            | 420,892                   | 1.3711                              |
| 1997 | 207,065                            | 347,690                   | 1.6791                              |
| 1998 | 245,300                            | 387,968                   | 1.5816                              |
| 1999 | 144,900                            | 233,180                   | 1.6092                              |
| 2000 | 139,700                            | 214,888                   | 1.5382                              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 7.4

## México: Producción y consumo de semilla de algodón por habitante

(kilogramos)

| Año  | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,764         | 21.1896               | 15.8923                    | 5.4733                    |
| 1962 | 37,486,138         | 22.0031               | 20.7103                    | 1.2928                    |
| 1963 | 38,800,538         | 23.3929               | 22.3952                    | 0.9976                    |
| 1964 | 40,147,866         | 23.2189               | 24.4999                    | -1.2700                   |
| 1965 | 41,535,828         | 22.9412               | 22.7241                    |                           |
| 1966 | 42,955,469         | 19.9669               | 23.1238                    | -3.1560                   |
| 1967 | 44,397,880         | 18.2653               | 20.4014                    | -2.1362                   |
| 1968 | 45,859,633         | 21.0645               | 17.4131                    | 3.6514                    |
| 1969 | 47,337,657         | 13.4526               | 18.4441                    | -4.9914                   |
| 1970 | 48,852,306         | 11.2081               | 12.0342                    | -0.8261                   |
| 1971 | 50,393,091         | 12.3727               | 9.9638                     | 2.4089                    |
| 1972 | 51,946,772         | 12.8832               | 12.3203                    | 0.5729                    |
| 1973 | 53,517,788         | 11.1267               | 11.1324                    | -0.0057                   |
| 1974 | 55,104,632         | 14.9064               | 12.0082                    | 2.8982                    |
| 1975 | 56,687,703         | 5.6509                | 11.8705                    | -6.2197                   |
| 1976 | 58,291,820         | 5.9859                | 8.5226                     | -2.5366                   |
| 1977 | 59,900,617         | 10.9971               | 9.2484                     | 1.7487                    |
| 1978 | 61,527,486         | 9.3595                | 9.5968                     | -0.2383                   |
| 1979 | 63,161,213         | 8.7561                | 7.9966                     | 0.7576                    |
| 1980 | 64,799,572         | 9.8337                | 7.9418                     | 0.8919                    |
| 1981 | 66,425,164         | 7.9813                | 6.8263                     | 1.1550                    |
| 1982 | 68,061,155         | 4.2449                | 8.1257                     | -3.8808                   |
| 1983 | 69,744,148         | 5.0933                | 5.8516                     | -0.7582                   |
| 1984 | 71,421,164         | 6.3657                | 6.2541                     | 0.1026                    |
| 1985 | 73,112,440         | 4.3410                | 6.0467                     | -1.7057                   |
| 1986 | 74,817,763         | 3.0143                | 4.5349                     | -1.5206                   |
| 1987 | 76,536,426         | 5.4059                | 3.9727                     | 1.4332                    |
| 1988 | 78,266,868         | 6.2694                | 6.1898                     | 0.0797                    |
| 1989 | 80,019,134         | 3.1819                | 5.6516                     | -2.4696                   |
| 1990 | 81,781,347         | 3.5868                | 3.7653                     | -0.1785                   |
| 1991 | 83,554,530         | 3.6775                | 4.3733                     | -0.6959                   |
| 1992 | 85,348,102         | 0.5903                | 4.1057                     | -3.5153                   |
| 1993 | 87,117,464         | 0.4801                | 3.0139                     | -2.5332                   |
| 1994 | 88,863,239         | 2.1050                | 3.9577                     | -1.8527                   |
| 1995 | 90,578,718         | 3.7964                | 4.3178                     | -0.5214                   |
| 1996 | 92,238,065         | 4.5836                | 5.3966                     | -0.7729                   |
| 1997 | 93,913,963         | 3.7062                | 4.8106                     | -1.1044                   |
| 1998 | 95,326,450         | 4.0699                | 5.2793                     | -1.2094                   |
| 1999 | 96,714,391         | 2.4110                | 3.9781                     | -1.5671                   |
| 2000 | 97,925,656         | 2.1944                | nd                         | nd                        |

Fuente: Elaborado por el CENP de la Honorable Cámara de Diputados en base a datos Consumos aparentes de productos agrícolas, SARH, 1983 y Banco de datos FACSTAT, 1989, noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 7.5

México: Oferta y demanda total de la semilla de algodón  
(Porcentaje)

| Año  | OFERTA     |               | OFERTA - DEMANDA<br>(c = a+b)<br>(c = d-e+f+g) | DEMANDA                |          |                |            |               |                                        |
|------|------------|---------------|------------------------------------------------|------------------------|----------|----------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                                | Consumo aparente total | Semillas | Transformación | Otros usos | Exportaciones | Cambio en las existencias <sup>1</sup> |
|      | (a)        | (b)           |                                                | (d = e+f+g)            | (e)      | (f)            | (g)        | (h)           | (i)                                    |
| 1961 | 99.76      | 0.24          | 100.00                                         | 73.96                  | 4.85     | 92.73          | 2.42       | 0.01          | 26.03                                  |
| 1962 | 99.81      | 0.19          | 100.00                                         | 93.94                  | 3.82     | 81.66          | 14.52      | 0.01          | 6.05                                   |
| 1963 | 99.85      | 0.15          | 100.00                                         | 95.58                  | 3.26     | 84.01          | 12.73      | 0.01          | 4.40                                   |
| 1964 | 99.88      | 0.12          | 100.00                                         | 105.36                 | 2.90     | 94.68          | 2.41       | 0.01          | -5.36                                  |
| 1965 | 99.89      | 0.11          | 100.00                                         | 98.95                  | 2.58     | 94.61          | 2.81       | 0.00          | 1.05                                   |
| 1966 | 99.92      | 0.08          | 100.00                                         | 115.71                 | 2.33     | 92.63          | 4.84       | 0.02          | -15.73                                 |
| 1967 | 99.83      | 0.17          | 100.00                                         | 111.50                 | 2.73     | 92.31          | 4.97       | 0.19          | -11.69                                 |
| 1968 | 99.92      | 0.08          | 100.00                                         | 82.60                  | 2.25     | 91.53          | 6.22       | 0.02          | 17.38                                  |
| 1969 | 98.99      | 1.01          | 100.00                                         | 135.72                 | 1.65     | 92.67          | 5.68       | 0.03          | -35.75                                 |
| 1970 | 94.41      | 5.59          | 100.00                                         | 101.37                 | 2.73     | 90.80          | 6.48       | 0.01          | -1.38                                  |
| 1971 | 95.60      | 4.40          | 100.00                                         | 75.99                  | 3.65     | 86.26          | 10.10      | 0.01          | 23.00                                  |
| 1972 | 99.96      | 0.04          | 100.00                                         | 95.52                  | 2.32     | 88.15          | 9.52       | 0.00          | 4.48                                   |
| 1973 | 99.95      | 0.05          | 100.00                                         | 100.00                 | 3.40     | 86.44          | 10.16      | 0.00          | 0.00                                   |
| 1974 | 95.90      | 4.10          | 100.00                                         | 75.79                  | 1.20     | 84.01          | 14.79      | 0.00          | 23.21                                  |
| 1975 | 99.17      | 0.83          | 100.00                                         | 208.33                 | 1.22     | 89.76          | 9.02       | 0.03          | -108.36                                |
| 1976 | 76.35      | 23.65         | 100.00                                         | 108.70                 | 2.96     | 77.81          | 19.23      | 0.05          | -8.75                                  |
| 1977 | 94.24      | 5.76          | 100.00                                         | 79.26                  | 2.21     | 70.69          | 27.10      | 0.00          | 20.74                                  |
| 1978 | 92.80      | 7.20          | 100.00                                         | 95.16                  | 2.22     | 65.54          | 32.24      | 0.00          | 4.84                                   |
| 1979 | 99.61      | 0.39          | 100.00                                         | 90.99                  | 2.46     | 62.32          | 35.22      | 0.00          | 9.01                                   |
| 1980 | 80.10      | 19.90         | 100.00                                         | 72.01                  | 2.41     | 55.68          | 40.90      | 0.00          | 27.99                                  |
| 1981 | 97.55      | 2.44          | 100.00                                         | 83.44                  | 1.55     | 62.60          | 35.65      | 0.00          | 16.56                                  |
| 1982 | 98.56      | 1.44          | 100.00                                         | 188.68                 | 1.47     | 78.24          | 20.28      | 0.00          | -88.68                                 |
| 1983 | 91.53      | 8.47          | 100.00                                         | 105.15                 | 2.71     | 72.41          | 24.87      | 0.00          | -5.15                                  |
| 1984 | 89.60      | 10.40         | 100.00                                         | 88.16                  | 1.55     | 85.52          | 12.93      | 0.00          | 11.84                                  |
| 1985 | 83.06      | 16.94         | 100.00                                         | 115.70                 | 1.24     | 85.73          | 13.03      | 0.00          | -15.70                                 |
| 1986 | 94.25      | 5.75          | 100.00                                         | 141.79                 | 2.29     | 87.15          | 10.56      | 0.00          | -41.79                                 |
| 1987 | 95.32      | 4.68          | 100.00                                         | 70.05                  | 3.43     | 86.40          | 10.17      | 0.00          | 29.95                                  |
| 1988 | 91.80      | 8.20          | 100.00                                         | 90.64                  | 1.29     | 91.71          | 7.00       | 0.00          | 9.36                                   |
| 1989 | 87.13      | 12.87         | 100.00                                         | 154.75                 | 1.70     | 94.07          | 4.23       | 0.00          | -54.75                                 |
| 1990 | 86.04      | 13.96         | 100.00                                         | 90.34                  | 2.83     | 90.64          | 6.53       | 0.11          | 9.54                                   |
| 1991 | 76.57      | 23.43         | 100.00                                         | 91.06                  | 0.44     | 95.75          | 3.80       | 0.69          | 8.25                                   |
| 1992 | 17.79      | 82.21         | 100.00                                         | 123.73                 | 0.40     | 89.72          | 9.88       | 0.08          | -23.81                                 |
| 1993 | 22.37      | 77.63         | 100.00                                         | 140.38                 | 2.25     | 64.00          | 33.75      | 0.17          | -40.56                                 |
| 1994 | 52.32      | 47.68         | 100.00                                         | 98.62                  | 2.73     | 49.92          | 47.36      | 0.20          | 1.17                                   |
| 1995 | 80.25      | 19.75         | 100.00                                         | 91.27                  | 2.75     | 73.64          | 23.61      | 0.55          | 8.18                                   |
| 1996 | 97.12      | 2.88          | 100.00                                         | 113.57                 | 1.40     | 78.22          | 20.37      | 0.83          | -14.40                                 |
| 1997 | 95.10      | 4.90          | 100.00                                         | 123.43                 | 1.55     | 82.72          | 15.73      | 0.25          | -23.68                                 |
| 1998 | 76.26      | 23.74         | 100.00                                         | 98.92                  | nd       | nd             | nd         | 1.08          | 0.00                                   |
| 1999 | 60.29      | 39.71         | 100.00                                         | 99.48                  | nd       | nd             | nd         | 0.52          | 0.00                                   |
| 2000 | nd         | nd            | 100.00                                         | nd                     | nd       | nd             | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.<sup>2</sup> El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1993, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 7.6

### México: Superficie cosechada y producción por modalidad de semilla de (Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 81                        | 19       | 100   | 83                        | 17       | 100   |
| 1971 | 81                        | 19       | 100   | 36                        | 64       | 100   |
| 1972 | 77                        | 23       | 100   | 81                        | 19       | 100   |
| 1973 | 73                        | 27       | 100   | 83                        | 17       | 100   |
| 1974 | 80                        | 20       | 100   | 84                        | 16       | 100   |
| 1975 | 83                        | 17       | 100   | 89                        | 11       | 100   |
| 1976 | 79                        | 21       | 100   | 88                        | 12       | 100   |
| 1977 | 86                        | 14       | 100   | 92                        | 8        | 100   |
| 1978 | 87                        | 13       | 100   | 91                        | 9        | 100   |
| 1979 | 90                        | 10       | 100   | 93                        | 7        | 100   |
| 1980 | 91                        | 9        | 100   | 93                        | 7        | 100   |
| 1981 | 93                        | 7        | 100   | 96                        | 4        | 100   |
| 1982 | 86                        | 14       | 100   | 92                        | 8        | 100   |
| 1983 | 91                        | 9        | 100   | 96                        | 4        | 100   |
| 1984 | 92                        | 8        | 100   | 94                        | 6        | 100   |
| 1985 | 96                        | 4        | 100   | 98                        | 2        | 100   |
| 1986 | 94                        | 6        | 100   | 92                        | 8        | 100   |
| 1987 | 93                        | 7        | 100   | 81                        | 19       | 100   |
| 1988 | 92                        | 8        | 100   | 58                        | 42       | 100   |
| 1989 | 98                        | 2        | 100   | 98                        | 2        | 100   |
| 1990 | 88                        | 12       | 100   | 92                        | 8        | 100   |
| 1991 | 82                        | 18       | 100   | 90                        | 10       | 100   |
| 1992 | 82                        | 18       | 100   | 84                        | 16       | 100   |
| 1993 | 37                        | 63       | 100   | 50                        | 50       | 100   |
| 1994 | 52                        | 48       | 100   | 68                        | 32       | 100   |
| 1995 | 71                        | 29       | 100   | 86                        | 14       | 100   |
| 1996 | 90                        | 10       | 100   | 92                        | 8        | 100   |
| 1997 | 89                        | 11       | 100   | 95                        | 5        | 100   |
| 1998 | 89                        | 11       | 100   | 94                        | 6        | 100   |
| 1999 | 88                        | 12       | 100   | 95                        | 5        | 100   |
| 2000 | 80                        | 20       | 100   | 89                        | 11       | 100   |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 7.7

### México: Superficie cosechada y producción por modalidad de semilla de algodón

| Año  | Superficie<br>(Hectáreas) |          |         | Producción<br>(Toneladas) |          |         |
|------|---------------------------|----------|---------|---------------------------|----------|---------|
|      | Riego                     | Temporal | Total   | Riego                     | Temporal | Total   |
| 1970 | 333,139                   | 78,033   | 411,172 | 455,620                   | 91,923   | 547,543 |
| 1971 | 370,837                   | 86,962   | 457,799 | 224,799                   | 398,701  | 623,500 |
| 1972 | 405,330                   | 118,096  | 523,426 | 543,825                   | 125,959  | 669,784 |
| 1973 | 311,098                   | 114,036  | 425,134 | 494,396                   | 101,081  | 595,477 |
| 1974 | 462,257                   | 116,065  | 578,322 | 693,313                   | 133,060  | 826,373 |
| 1975 | 187,820                   | 38,963   | 226,783 | 285,298                   | 35,037   | 320,335 |
| 1976 | 184,985                   | 49,996   | 234,981 | 305,937                   | 42,991   | 348,928 |
| 1977 | 361,681                   | 57,949   | 419,630 | 602,756                   | 55,977   | 658,733 |
| 1978 | 304,797                   | 44,970   | 349,767 | 525,824                   | 49,983   | 575,807 |
| 1979 | 335,891                   | 38,987   | 374,878 | 513,042                   | 40,003   | 553,045 |
| 1980 | 323,058                   | 32,272   | 355,330 | 530,299                   | 42,024   | 572,323 |
| 1981 | 324,328                   | 24,882   | 349,210 | 510,330                   | 19,829   | 530,159 |
| 1982 | 147,179                   | 23,098   | 170,277 | 265,367                   | 23,629   | 288,996 |
| 1983 | 194,249                   | 18,495   | 212,744 | 341,480                   | 13,751   | 355,231 |
| 1984 | 265,344                   | 23,764   | 289,108 | 429,000                   | 25,000   | 454,000 |
| 1985 | 190,521                   | 6,940    | 197,461 | 311,376                   | 6,007    | 317,383 |
| 1986 | 153,856                   | 10,646   | 164,502 | 206,562                   | 18,960   | 225,522 |
| 1987 | 208,243                   | 16,013   | 224,256 | 335,794                   | 77,952   | 413,746 |
| 1988 | 274,165                   | 23,894   | 298,059 | 282,776                   | 207,836  | 490,612 |
| 1989 | 173,505                   | 4,390    | 177,895 | 249,875                   | 4,734    | 254,609 |
| 1990 | 193,892                   | 25,880   | 219,772 | 269,193                   | 24,141   | 293,334 |
| 1991 | 204,027                   | 44,650   | 248,677 | 276,154                   | 31,115   | 307,269 |
| 1992 | 37,973                    | 8,222    | 46,195  | 42,103                    | 8,281    | 50,384  |
| 1993 | 14,636                    | 25,129   | 39,765  | 21,074                    | 20,750   | 41,824  |
| 1994 | 88,646                    | 80,233   | 168,879 | 128,029                   | 59,024   | 187,053 |
| 1995 | 195,412                   | 79,205   | 274,617 | 294,127                   | 49,747   | 343,874 |
| 1996 | 276,562                   | 30,422   | 306,984 | 388,907                   | 31,985   | 420,892 |
| 1997 | 184,982                   | 22,083   | 207,065 | 330,216                   | 17,474   | 347,690 |
| 1998 | 218,379                   | 26,921   | 245,300 | 363,910                   | 24,058   | 387,968 |
| 1999 | 126,819                   | 18,087   | 144,900 | 220,773                   | 12,407   | 233,180 |
| 2000 | 111,407                   | 28,292   | 139,700 | 190,744                   | 24,144   | 214,888 |

Fuente: Elaborado por el CEFPA de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 7.8  
**México: Rendimientos, producción entre superficie cosechada de semilla de algodón**  
(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 1,331.66 | 1,367.66 | 1,178.01 |
| 1971 | 1,361.95 | 606.19   | 4,584.78 |
| 1972 | 1,279.62 | 1,341.68 | 1,066.58 |
| 1973 | 1,400.68 | 1,589.20 | 886.40   |
| 1974 | 1,428.92 | 1,499.84 | 1,146.43 |
| 1975 | 1,412.52 | 1,519.00 | 899.24   |
| 1976 | 1,484.92 | 1,653.85 | 859.89   |
| 1977 | 1,569.79 | 1,666.54 | 965.98   |
| 1978 | 1,646.26 | 1,725.16 | 1,111.48 |
| 1979 | 1,475.27 | 1,527.41 | 1,026.06 |
| 1980 | 1,610.68 | 1,641.50 | 1,302.17 |
| 1981 | 1,518.17 | 1,573.50 | 796.91   |
| 1982 | 1,697.21 | 1,803.03 | 1,022.97 |
| 1983 | 1,669.76 | 1,757.95 | 743.49   |
| 1984 | 1,570.35 | 1,616.77 | 1,052.02 |
| 1985 | 1,607.32 | 1,634.34 | 865.60   |
| 1986 | 1,370.94 | 1,342.57 | 1,780.93 |
| 1987 | 1,844.97 | 1,612.51 | 4,868.05 |
| 1988 | 1,646.02 | 1,031.41 | 8,698.24 |
| 1989 | 1,431.23 | 1,440.16 | 1,078.44 |
| 1990 | 1,334.72 | 1,388.37 | 932.81   |
| 1991 | 1,235.61 | 1,353.52 | 696.86   |
| 1992 | 1,090.68 | 1,108.75 | 1,007.22 |
| 1993 | 1,051.78 | 1,439.87 | 825.74   |
| 1994 | 1,107.62 | 1,444.27 | 735.66   |
| 1995 | 1,252.19 | 1,505.16 | 628.08   |
| 1996 | 1,371.06 | 1,406.22 | 1,051.39 |
| 1997 | 1,679.13 | 1,785.13 | 791.27   |
| 1998 | 1,581.61 | 1,666.41 | 893.67   |
| 1999 | 1,609.25 | 1,740.85 | 685.96   |
| 2000 | 1,538.21 | 1,712.14 | 853.39   |

Fuente: Elaborado por el CEFPI de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 8.1

## México: Oferta y demanda total de la semilla de ajonjolí

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+h-i) | DEMANDA                |          |                |              |               |                                        |
|------|------------|---------------|----------------------------------------------|------------------------|----------|----------------|--------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                              | Consumo aparente total | Semillas | Transformación | Alimentación | Exportaciones | Cambio en las existencias <sup>1</sup> |
|      | (a)        | (b)           |                                              | (d = e+f+g)            | (e)      | (f)            | (g)          | (h)           | (i)                                    |
| 1961 | 146,820    | 0             | 146,820                                      | 133,820                | 2,383    | 131,000        | 437          | 0             | 13,000                                 |
| 1962 | 157,849    | 3             | 157,852                                      | 149,486                | 2,507    | 146,827        | 152          | 1,866         | 6,500                                  |
| 1963 | 169,268    | 0             | 169,268                                      | 161,542                | 2,613    | 155,986        | 2,943        | 22,726        | -15,000                                |
| 1964 | 171,697    | 0             | 171,697                                      | 168,020                | 2,672    | 164,544        | 804          | 1,677         | 2,000                                  |
| 1965 | 154,401    | 0             | 154,401                                      | 173,023                | 2,521    | 170,020        | 482          | 378           | -19,000                                |
| 1966 | 166,669    | 1             | 166,670                                      | 157,716                | 2,708    | 154,023        | 985          | 2,954         | 6,000                                  |
| 1967 | 155,323    | 52            | 155,375                                      | 150,370                | 2,590    | 147,000        | 780          | 22,005        | -17,000                                |
| 1968 | 159,060    | 523           | 159,583                                      | 164,867                | 2,641    | 162,000        | 226          | 2,216         | -7,500                                 |
| 1969 | 174,965    | 93            | 175,058                                      | 167,138                | 2,738    | 121,900        | 42,500       | 2,920         | 5,000                                  |
| 1970 | 179,444    | 828           | 180,272                                      | 158,639                | 2,812    | 110,700        | 45,127       | 3,633         | 18,000                                 |
| 1971 | 180,294    | 0             | 180,294                                      | 154,498                | 2,765    | 106,500        | 45,233       | 5,796         | 20,000                                 |
| 1972 | 160,572    | 28            | 160,600                                      | 117,296                | 2,552    | 72,500         | 42,244       | 23,304        | 20,000                                 |
| 1973 | 178,169    | 11            | 178,180                                      | 111,085                | 2,403    | 61,900         | 46,782       | 17,095        | 50,000                                 |
| 1974 | 159,865    | 39            | 159,904                                      | 93,030                 | 2,187    | 53,300         | 37,543       | 6,874         | 60,000                                 |
| 1975 | 110,725    | 1             | 110,726                                      | 98,741                 | 1,980    | 62,450         | 34,311       | 11,985        | 0                                      |
| 1976 | 84,777     | 0             | 84,777                                       | 94,492                 | 2,047    | 60,400         | 32,045       | 20,285        | -30,000                                |
| 1977 | 121,318    | 0             | 121,318                                      | 103,796                | 2,438    | 75,400         | 25,958       | 12,522        | 5,000                                  |
| 1978 | 133,921    | 0             | 133,921                                      | 89,873                 | 3,580    | 65,000         | 21,293       | 29,048        | 15,000                                 |
| 1979 | 173,890    | 0             | 173,890                                      | 92,713                 | 2,910    | 71,900         | 17,903       | 106,177       | -25,000                                |
| 1980 | 175,562    | 0             | 175,562                                      | 61,673                 | 1,600    | 39,030         | 21,043       | 46,889        | 65,000                                 |
| 1981 | 85,666     | 0             | 85,666                                       | 101,530                | 1,320    | 83,600         | 16,610       | 49,136        | -65,000                                |
| 1982 | 32,075     | 0             | 32,075                                       | 58,777                 | 1,830    | 39,068         | 17,879       | 28,298        | -55,000                                |
| 1983 | 86,769     | 0             | 86,769                                       | 25,180                 | 1,560    | 7,793          | 15,827       | 16,589        | 45,000                                 |
| 1984 | 63,000     | 0             | 63,000                                       | 70,608                 | 1,610    | 22,000         | 46,998       | 62,392        | -70,000                                |
| 1985 | 74,607     | 0             | 74,607                                       | 30,425                 | 1,170    | 17,000         | 12,255       | 35,182        | 9,000                                  |
| 1986 | 58,567     | 0             | 58,567                                       | 23,698                 | 1,300    | 12,900         | 9,498        | 56,869        | -22,000                                |
| 1987 | 51,216     | 0             | 51,216                                       | 14,835                 | 1,030    | 13,400         | 405          | 33,381        | 3,000                                  |
| 1988 | 33,584     | 302           | 33,886                                       | 10,306                 | 910      | 8,100          | 1,296        | 35,580        | -12,000                                |
| 1989 | 45,983     | 2,777         | 48,760                                       | 11,448                 | 1,315    | 3,500          | 6,633        | 32,312        | 5,000                                  |
| 1990 | 59,864     | 1,711         | 61,575                                       | 21,936                 | 902      | 12,600         | 8,434        | 23,679        | 15,960                                 |
| 1991 | 37,000     | 4,729         | 41,729                                       | 15,108                 | 550      | 11,000         | 3,558        | 42,288        | -15,667                                |
| 1992 | 22,776     | 4,107         | 26,883                                       | 13,676                 | 366      | 9,200          | 4,110        | 26,728        | -13,521                                |
| 1993 | 22,638     | 7,796         | 30,434                                       | 13,054                 | 252      | 8,000          | 4,802        | 19,105        | -1,725                                 |
| 1994 | 8,862      | 3,529         | 12,391                                       | 14,359                 | 426      | 7,000          | 6,933        | 17,313        | -19,281                                |
| 1995 | 21,081     | 3,316         | 24,397                                       | 19,379                 | 822      | 9,800          | 8,757        | 8,801         | -3,783                                 |
| 1996 | 47,397     | 5,264         | 52,661                                       | 16,941                 | 548      | 9,200          | 7,193        | 10,200        | 25,520                                 |
| 1997 | 21,466     | 4,298         | 25,764                                       | 16,710                 | 520      | 9,609          | 6,581        | 23,241        | -14,187                                |
| 1998 | 31,652     | 11,341        | 42,993                                       | 23,709                 | nd       | nd             | nd           | 19,284        | 0                                      |
| 1999 | 31,519     | 6,301         | 37,820                                       | 23,080                 | nd       | nd             | nd           | 14,740        | 0                                      |
| 2000 | 39,417     | nd            | 39,417                                       | nd                     | nd       | nd             | nd           | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEF de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 8.2

México: Balance interno de la semilla de ajonjolí  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 146,820    | 133,820                | 13,000          |
| 1962 | 157,849    | 149,486                | 8,363           |
| 1963 | 169,268    | 161,542                | 7,726           |
| 1964 | 171,697    | 168,020                | 3,677           |
| 1965 | 154,401    | 173,023                | -18,622         |
| 1966 | 166,669    | 157,716                | 8,953           |
| 1967 | 155,323    | 150,370                | 4,953           |
| 1968 | 159,060    | 164,867                | -5,807          |
| 1969 | 174,965    | 167,138                | 7,827           |
| 1970 | 179,444    | 158,639                | 20,805          |
| 1971 | 180,294    | 154,498                | 25,796          |
| 1972 | 160,572    | 117,296                | 43,276          |
| 1973 | 178,169    | 111,085                | 67,084          |
| 1974 | 159,865    | 93,030                 | 66,835          |
| 1975 | 110,725    | 98,741                 | 11,984          |
| 1976 | 84,777     | 94,492                 | -9,715          |
| 1977 | 121,318    | 103,796                | 17,522          |
| 1978 | 133,921    | 89,873                 | 44,048          |
| 1979 | 173,890    | 92,713                 | 81,177          |
| 1980 | 175,562    | 61,673                 | 113,889         |
| 1981 | 85,666     | 101,530                | -15,864         |
| 1982 | 32,075     | 58,777                 | -26,702         |
| 1983 | 86,769     | 25,180                 | 61,589          |
| 1984 | 63,000     | 70,608                 | -7,608          |
| 1985 | 74,607     | 30,425                 | 44,182          |
| 1986 | 58,567     | 23,698                 | 34,869          |
| 1987 | 51,216     | 14,835                 | 36,381          |
| 1988 | 33,584     | 10,306                 | 23,278          |
| 1989 | 45,983     | 11,448                 | 34,535          |
| 1990 | 59,864     | 21,936                 | 37,928          |
| 1991 | 37,000     | 15,108                 | 21,892          |
| 1992 | 22,776     | 13,676                 | 9,100           |
| 1993 | 22,638     | 13,054                 | 9,584           |
| 1994 | 8,862      | 14,359                 | -5,497          |
| 1995 | 21,081     | 19,379                 | 1,702           |
| 1996 | 47,397     | 16,941                 | 30,456          |
| 1997 | 21,466     | 16,710                 | 4,756           |
| 1998 | 31,652     | 23,709                 | 7,943           |
| 1999 | 31,519     | 23,080                 | 8,439           |
| 2000 | 39,417     | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 8.3

## México: Rendimiento de la semilla de ajonjolí por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 216,670                            | 146,820                   | 0.6776                              |
| 1962 | 238,270                            | 157,849                   | 0.6625                              |
| 1963 | 250,677                            | 169,268                   | 0.6752                              |
| 1964 | 261,276                            | 171,697                   | 0.6571                              |
| 1965 | 267,234                            | 154,401                   | 0.5778                              |
| 1966 | 252,109                            | 166,669                   | 0.6611                              |
| 1967 | 270,764                            | 155,323                   | 0.5736                              |
| 1968 | 258,991                            | 159,060                   | 0.6142                              |
| 1969 | 264,070                            | 174,965                   | 0.6626                              |
| 1970 | 273,768                            | 179,444                   | 0.6555                              |
| 1971 | 281,172                            | 180,294                   | 0.6412                              |
| 1972 | 276,495                            | 160,572                   | 0.5807                              |
| 1973 | 255,166                            | 178,169                   | 0.6982                              |
| 1974 | 240,257                            | 159,865                   | 0.6654                              |
| 1975 | 218,660                            | 110,725                   | 0.5064                              |
| 1976 | 197,959                            | 84,777                    | 0.4283                              |
| 1977 | 204,701                            | 121,318                   | 0.5927                              |
| 1978 | 243,760                            | 133,921                   | 0.5494                              |
| 1979 | 307,175                            | 173,890                   | 0.5661                              |
| 1980 | 263,999                            | 175,562                   | 0.6650                              |
| 1981 | 143,483                            | 85,666                    | 0.5970                              |
| 1982 | 91,043                             | 32,075                    | 0.3523                              |
| 1983 | 165,529                            | 86,769                    | 0.5242                              |
| 1984 | 132,760                            | 63,000                    | 0.4745                              |
| 1985 | 142,031                            | 74,607                    | 0.5253                              |
| 1986 | 111,891                            | 58,567                    | 0.5234                              |
| 1987 | 96,959                             | 51,216                    | 0.5282                              |
| 1988 | 81,734                             | 33,584                    | 0.4109                              |
| 1989 | 79,032                             | 45,983                    | 0.5818                              |
| 1990 | 110,432                            | 59,864                    | 0.5421                              |
| 1991 | 72,104                             | 37,000                    | 0.5131                              |
| 1992 | 42,981                             | 22,776                    | 0.5299                              |
| 1993 | 35,471                             | 22,638                    | 0.6382                              |
| 1994 | 18,897                             | 8,862                     | 0.4690                              |
| 1995 | 36,682                             | 21,081                    | 0.5747                              |
| 1996 | 80,322                             | 47,397                    | 0.5901                              |
| 1997 | 43,028                             | 21,466                    | 0.4989                              |
| 1998 | 57,800                             | 31,652                    | 0.5476                              |
| 1999 | 54,200                             | 31,519                    | 0.5815                              |
| 2000 | 66,500                             | 39,417                    | 0.5927                              |

Fuente: Elaborado por el CEF de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO B.4

México: Producción y consumo de la semilla de ajonjolí por habitante  
(Kilogramos)

|      | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,764         | 4.0541                | 3.6952                     | 0.3590                    |
| 1962 | 37,486,139         | 4.2109                | 3.9976                     | 0.2231                    |
| 1963 | 39,900,538         | 4.3525                | 4.1634                     | 0.1991                    |
| 1964 | 40,147,966         | 4.2766                | 4.1950                     | 0.0916                    |
| 1965 | 41,535,628         | 3.7173                | 4.1696                     | -0.4483                   |
| 1966 | 42,955,469         | 3.8900                | 3.6716                     | 0.2084                    |
| 1967 | 44,397,680         | 3.4994                | 3.3929                     | 0.1116                    |
| 1968 | 45,859,633         | 3.4684                | 3.5990                     | -0.1286                   |
| 1969 | 47,337,657         | 3.6961                | 3.5306                     | 0.1653                    |
| 1970 | 48,852,306         | 3.6732                | 3.2473                     | 0.4259                    |
| 1971 | 50,393,091         | 3.5778                | 3.0669                     | 0.5119                    |
| 1972 | 51,948,772         | 3.0910                | 2.2579                     | 0.8331                    |
| 1973 | 53,517,788         | 3.3292                | 2.0757                     | 1.2535                    |
| 1974 | 55,104,632         | 2.9011                | 1.6962                     | 1.2129                    |
| 1975 | 56,687,703         | 1.9532                | 1.7416                     | 0.2114                    |
| 1976 | 58,291,620         | 1.4644                | 1.6210                     | -0.1667                   |
| 1977 | 59,900,617         | 2.0253                | 1.7328                     | 0.2925                    |
| 1978 | 61,527,486         | 2.1766                | 1.6907                     | 0.7159                    |
| 1979 | 63,161,213         | 2.7531                | 1.4679                     | 1.2852                    |
| 1980 | 64,799,672         | 2.7098                | 0.9519                     | 1.7579                    |
| 1981 | 66,425,164         | 1.2897                | 1.5266                     | -0.2389                   |
| 1982 | 68,061,155         | 0.4711                | 0.8633                     | -0.3922                   |
| 1983 | 69,744,148         | 1.2441                | 0.3610                     | 0.8831                    |
| 1984 | 71,421,164         | 0.8921                | 0.9986                     | -0.1065                   |
| 1985 | 73,112,440         | 1.0204                | 0.4161                     | 0.6043                    |
| 1986 | 74,817,763         | 0.7826                | 0.3167                     | 0.4661                    |
| 1987 | 76,536,428         | 0.6932                | 0.1938                     | 0.4753                    |
| 1988 | 78,266,888         | 0.4291                | 0.1317                     | 0.2974                    |
| 1989 | 80,019,134         | 0.5747                | 0.1431                     | 0.4316                    |
| 1990 | 81,781,347         | 0.7320                | 0.2682                     | 0.4638                    |
| 1991 | 83,554,630         | 0.4426                | 0.1808                     | 0.2620                    |
| 1992 | 85,348,102         | 0.2669                | 0.1602                     | 0.1066                    |
| 1993 | 87,117,464         | 0.2599                | 0.1498                     | 0.1100                    |
| 1994 | 88,863,239         | 0.0997                | 0.1616                     | -0.0619                   |
| 1995 | 90,578,718         | 0.2327                | 0.2139                     | 0.0188                    |
| 1996 | 92,226,066         | 0.5139                | 0.1937                     | 0.3302                    |
| 1997 | 93,913,963         | 0.2298                | 0.1781                     | 0.0507                    |
| 1998 | 95,326,450         | 0.3320                | 0.2487                     | 0.0833                    |
| 1999 | 96,714,391         | 0.3259                | 0.2396                     | 0.0873                    |
| 2000 | 97,925,696         | 0.4025                | nd                         | nd                        |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos Conjuntos aparentes de productos agrícolas, SARH, 1983 y Banco de datos FACSTAT, 1988, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 8.5

México: Oferta y demanda total de la semilla de ajonjolí  
(Porcentaje)

| Año  | OFERTA     |               | OFERTA - DEMANDA<br>( $c = a+b$ )<br>( $c = d-h+i$ ) | DEMANDA                |          |                |              |               |                                        |
|------|------------|---------------|------------------------------------------------------|------------------------|----------|----------------|--------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                                      | Consumo aparente total | Semillas | Transformación | Alimentación | Exportaciones | Cambio en las existencias <sup>1</sup> |
|      | (a)        | (b)           |                                                      | ( $d = e+f+g$ )        | (e)      | (f)            | (g)          | (h)           | (i)                                    |
| 1961 | 100.00     | 0.00          | 100.00                                               | 91.15                  | 1.78     | 97.89          | 0.33         | 0.00          | 8.85                                   |
| 1962 | 100.00     | 0.00          | 100.00                                               | 94.70                  | 1.68     | 96.22          | 0.10         | 1.16          | 4.12                                   |
| 1963 | 100.00     | 0.00          | 100.00                                               | 95.44                  | 1.62     | 96.56          | 1.82         | 13.43         | -8.86                                  |
| 1964 | 100.00     | 0.00          | 100.00                                               | 97.86                  | 1.59     | 97.93          | 0.49         | 0.96          | 1.16                                   |
| 1965 | 100.00     | 0.00          | 100.00                                               | 112.06                 | 1.46     | 96.26          | 0.29         | 0.24          | -12.31                                 |
| 1966 | 100.00     | 0.00          | 100.00                                               | 94.63                  | 1.72     | 97.66          | 0.62         | 1.77          | 3.60                                   |
| 1967 | 99.97      | 0.03          | 100.00                                               | 96.78                  | 1.72     | 97.76          | 0.52         | 14.16         | -10.94                                 |
| 1968 | 99.67      | 0.33          | 100.00                                               | 103.31                 | 1.60     | 98.26          | 0.14         | 1.39          | -4.70                                  |
| 1969 | 99.95      | 0.05          | 100.00                                               | 95.48                  | 1.64     | 72.93          | 25.43        | 1.67          | 2.86                                   |
| 1970 | 99.54      | 0.46          | 100.00                                               | 88.00                  | 1.77     | 69.78          | 26.45        | 2.02          | 9.98                                   |
| 1971 | 100.00     | 0.00          | 100.00                                               | 85.68                  | 1.79     | 68.93          | 29.28        | 3.21          | 11.09                                  |
| 1972 | 99.98      | 0.02          | 100.00                                               | 73.04                  | 2.18     | 61.81          | 36.01        | 14.51         | 12.45                                  |
| 1973 | 99.99      | 0.01          | 100.00                                               | 62.34                  | 2.16     | 55.72          | 42.11        | 9.59          | 29.06                                  |
| 1974 | 99.98      | 0.02          | 100.00                                               | 58.18                  | 2.35     | 57.29          | 40.36        | 4.30          | 37.52                                  |
| 1975 | 100.00     | 0.00          | 100.00                                               | 89.18                  | 2.01     | 63.25          | 34.75        | 10.82         | 0.00                                   |
| 1976 | 100.00     | 0.00          | 100.00                                               | 111.46                 | 2.17     | 63.92          | 33.91        | 23.93         | -35.39                                 |
| 1977 | 100.00     | 0.00          | 100.00                                               | 85.56                  | 2.35     | 72.64          | 25.01        | 10.32         | 4.12                                   |
| 1978 | 100.00     | 0.00          | 100.00                                               | 67.11                  | 3.98     | 72.32          | 23.69        | 21.69         | 11.20                                  |
| 1979 | 100.00     | 0.00          | 100.00                                               | 53.32                  | 3.14     | 77.55          | 19.31        | 61.06         | -14.38                                 |
| 1980 | 100.00     | 0.00          | 100.00                                               | 36.13                  | 2.59     | 63.29          | 34.12        | 27.85         | 37.02                                  |
| 1981 | 100.00     | 0.00          | 100.00                                               | 118.52                 | 1.30     | 82.34          | 16.36        | 57.36         | -75.88                                 |
| 1982 | 100.00     | 0.00          | 100.00                                               | 183.25                 | 3.11     | 66.47          | 30.42        | 88.22         | -171.47                                |
| 1983 | 100.00     | 0.00          | 100.00                                               | 29.02                  | 6.20     | 30.95          | 62.86        | 19.12         | 51.86                                  |
| 1984 | 100.00     | 0.00          | 100.00                                               | 112.08                 | 2.28     | 31.16          | 66.56        | 99.03         | -111.11                                |
| 1985 | 100.00     | 0.00          | 100.00                                               | 40.78                  | 3.85     | 55.88          | 40.28        | 47.16         | 12.05                                  |
| 1986 | 100.00     | 0.00          | 100.00                                               | 40.46                  | 5.49     | 54.43          | 40.08        | 97.10         | -37.56                                 |
| 1987 | 100.00     | 0.00          | 100.00                                               | 28.97                  | 6.94     | 90.33          | 2.73         | 65.18         | 5.86                                   |
| 1988 | 99.11      | 0.89          | 100.00                                               | 30.41                  | 8.83     | 78.69          | 12.58        | 105.00        | -35.41                                 |
| 1989 | 94.30      | 5.70          | 100.00                                               | 23.48                  | 11.49    | 30.67          | 57.94        | 66.27         | 10.25                                  |
| 1990 | 97.22      | 2.78          | 100.00                                               | 35.62                  | 4.11     | 57.44          | 38.45        | 38.45         | 25.92                                  |
| 1991 | 88.67      | 11.33         | 100.00                                               | 36.21                  | 3.64     | 72.81          | 23.55        | 101.34        | -37.54                                 |
| 1992 | 84.72      | 15.28         | 100.00                                               | 50.87                  | 2.68     | 67.27          | 30.05        | 99.42         | -90.30                                 |
| 1993 | 74.38      | 25.62         | 100.00                                               | 42.88                  | 1.93     | 61.28          | 36.79        | 62.78         | -5.67                                  |
| 1994 | 71.52      | 28.48         | 100.00                                               | 116.88                 | 2.97     | 48.75          | 48.28        | 139.72        | -156.80                                |
| 1995 | 86.41      | 13.59         | 100.00                                               | 79.43                  | 4.24     | 50.67          | 45.19        | 36.07         | -15.51                                 |
| 1996 | 90.00      | 10.00         | 100.00                                               | 32.17                  | 3.23     | 54.31          | 42.46        | 19.37         | 48.46                                  |
| 1997 | 83.32      | 16.68         | 100.00                                               | 64.86                  | 3.11     | 57.50          | 39.38        | 90.21         | -65.07                                 |
| 1998 | 73.62      | 26.38         | 100.00                                               | 55.15                  | nd       | nd             | nd           | 44.85         | 0.00                                   |
| 1999 | 83.34      | 16.66         | 100.00                                               | 61.03                  | nd       | nd             | nd           | 38.97         | 0.00                                   |
| 2000 | nd         | nd            | 100.00                                               | nd                     | nd       | nd             | nd           | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.<sup>2</sup> El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1993, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 8.6

### México: Superficie cosechada y producción por modalidad de (Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 19                        | 81       | 100   | 21                        | 79       | 100   |
| 1971 | 12                        | 88       | 100   | 13                        | 87       | 100   |
| 1972 | 11                        | 89       | 100   | 14                        | 86       | 100   |
| 1973 | 10                        | 90       | 100   | 12                        | 88       | 100   |
| 1974 | 12                        | 88       | 100   | 18                        | 83       | 100   |
| 1975 | 16                        | 84       | 100   | 27                        | 73       | 100   |
| 1976 | 11                        | 89       | 100   | 21                        | 79       | 100   |
| 1977 | 10                        | 90       | 100   | 14                        | 86       | 100   |
| 1978 | 21                        | 79       | 100   | 23                        | 77       | 100   |
| 1979 | 41                        | 59       | 100   | 57                        | 43       | 100   |
| 1980 | 25                        | 75       | 100   | 38                        | 62       | 100   |
| 1981 | 10                        | 90       | 100   | 17                        | 83       | 100   |
| 1982 | 18                        | 82       | 100   | 37                        | 63       | 100   |
| 1983 | 43                        | 57       | 100   | 61                        | 39       | 100   |
| 1984 | 25                        | 75       | 100   | 40                        | 60       | 100   |
| 1985 | 31                        | 69       | 100   | 57                        | 43       | 100   |
| 1986 | 38                        | 62       | 100   | 56                        | 44       | 100   |
| 1987 | 50                        | 50       | 100   | 65                        | 35       | 100   |
| 1988 | 27                        | 73       | 100   | 44                        | 56       | 100   |
| 1989 | 24                        | 76       | 100   | 28                        | 72       | 100   |
| 1990 | 40                        | 60       | 100   | 50                        | 50       | 100   |
| 1991 | 42                        | 58       | 100   | 50                        | 50       | 100   |
| 1992 | 22                        | 78       | 100   | 27                        | 73       | 100   |
| 1993 | 18                        | 82       | 100   | 19                        | 81       | 100   |
| 1994 | 10                        | 90       | 100   | 10                        | 90       | 100   |
| 1995 | 1                         | 99       | 100   | 1                         | 99       | 100   |
| 1996 | 1                         | 99       | 100   | 2                         | 98       | 100   |
| 1997 | 3                         | 97       | 100   | 5                         | 95       | 100   |
| 1998 | 4                         | 96       | 100   | 5                         | 95       | 100   |
| 1999 | 3                         | 97       | 100   | 5                         | 95       | 100   |
| 2000 | 2                         | 98       | 100   | 3                         | 97       | 100   |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 8.7

## México: Superficie cosechada y producción por modalidad de ajonjolí

| Año  | Superficie<br>(Hectáreas) |          |         | Producción<br>(Toneladas) |          |         |
|------|---------------------------|----------|---------|---------------------------|----------|---------|
|      | Riego                     | Temporal | Total   | Riego                     | Temporal | Total   |
| 1970 | 52,955                    | 220,813  | 273,768 | 37,092                    | 142,352  | 179,444 |
| 1971 | 35,021                    | 246,151  | 281,172 | 24,039                    | 156,255  | 180,294 |
| 1972 | 29,052                    | 247,443  | 276,495 | 21,942                    | 138,630  | 160,572 |
| 1973 | 26,017                    | 229,149  | 255,166 | 22,021                    | 156,148  | 178,169 |
| 1974 | 29,031                    | 211,226  | 240,257 | 27,976                    | 131,889  | 159,865 |
| 1975 | 35,944                    | 182,716  | 218,660 | 29,926                    | 80,799   | 110,725 |
| 1976 | 21,995                    | 175,964  | 197,959 | 17,953                    | 66,824   | 84,777  |
| 1977 | 19,971                    | 184,730  | 204,701 | 17,045                    | 104,273  | 121,318 |
| 1978 | 51,949                    | 191,811  | 243,760 | 30,982                    | 102,939  | 133,921 |
| 1979 | 126,899                   | 180,276  | 307,175 | 98,900                    | 74,990   | 173,890 |
| 1980 | 65,979                    | 198,020  | 263,999 | 67,187                    | 108,375  | 175,562 |
| 1981 | 14,822                    | 128,661  | 143,483 | 14,721                    | 70,945   | 85,666  |
| 1982 | 16,234                    | 74,809   | 91,043  | 11,906                    | 20,169   | 32,075  |
| 1983 | 71,352                    | 94,177   | 165,529 | 52,570                    | 34,199   | 86,769  |
| 1984 | 32,633                    | 100,127  | 132,760 | 25,026                    | 37,974   | 63,000  |
| 1985 | 44,308                    | 97,723   | 142,031 | 42,470                    | 32,137   | 74,607  |
| 1986 | 42,038                    | 69,853   | 111,891 | 32,936                    | 25,631   | 58,567  |
| 1987 | 48,011                    | 48,948   | 96,959  | 33,381                    | 17,835   | 51,216  |
| 1988 | 21,669                    | 60,065   | 81,734  | 14,831                    | 18,753   | 33,584  |
| 1989 | 19,316                    | 59,716   | 79,032  | 13,006                    | 32,977   | 45,983  |
| 1990 | 44,163                    | 66,269   | 110,432 | 29,840                    | 30,024   | 59,864  |
| 1991 | 30,437                    | 41,667   | 72,104  | 18,358                    | 18,642   | 37,000  |
| 1992 | 9,353                     | 33,628   | 42,981  | 6,241                     | 16,535   | 22,776  |
| 1993 | 6,553                     | 28,918   | 35,471  | 4,190                     | 18,448   | 22,638  |
| 1994 | 1,966                     | 16,931   | 18,897  | 888                       | 7,974    | 8,862   |
| 1995 | 269                       | 36,413   | 36,682  | 244                       | 20,837   | 21,081  |
| 1996 | 1,140                     | 79,182   | 80,322  | 776                       | 46,621   | 47,397  |
| 1997 | 1,372                     | 41,656   | 43,028  | 1,179                     | 20,287   | 21,466  |
| 1998 | 2,405                     | 55,395   | 57,800  | 1,693                     | 29,959   | 31,652  |
| 1999 | 1,822                     | 52,420   | 54,200  | 1,602                     | 29,917   | 31,519  |
| 2000 | 1,371                     | 65,104   | 66,500  | 1,377                     | 38,040   | 39,417  |

Fuente: Elaborado por el CEEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 8.8

## México: Rendimientos, producción entre superficie cosechada de ajonjolí

(kilogramos por hectárea)

| Año  | Total  | Riego    | Temporal |
|------|--------|----------|----------|
| 1970 | 655.46 | 700.44   | 644.67   |
| 1971 | 641.22 | 686.41   | 634.79   |
| 1972 | 580.74 | 755.25   | 560.25   |
| 1973 | 698.25 | 846.41   | 681.43   |
| 1974 | 665.39 | 963.67   | 624.40   |
| 1975 | 506.38 | 832.56   | 442.21   |
| 1976 | 428.26 | 816.20   | 379.76   |
| 1977 | 592.66 | 853.48   | 564.46   |
| 1978 | 549.40 | 596.39   | 536.67   |
| 1979 | 566.09 | 779.36   | 415.97   |
| 1980 | 665.01 | 1,018.31 | 547.29   |
| 1981 | 597.05 | 993.21   | 551.41   |
| 1982 | 352.31 | 733.40   | 269.61   |
| 1983 | 524.19 | 736.77   | 363.14   |
| 1984 | 474.54 | 766.90   | 379.26   |
| 1985 | 525.29 | 958.52   | 328.86   |
| 1986 | 523.43 | 783.49   | 366.92   |
| 1987 | 528.22 | 695.28   | 364.36   |
| 1988 | 410.89 | 684.46   | 312.20   |
| 1989 | 581.83 | 673.33   | 552.23   |
| 1990 | 542.09 | 675.68   | 453.06   |
| 1991 | 513.15 | 603.15   | 447.40   |
| 1992 | 529.91 | 667.27   | 491.70   |
| 1993 | 638.21 | 639.40   | 637.94   |
| 1994 | 468.96 | 451.68   | 470.97   |
| 1995 | 574.70 | 907.06   | 572.24   |
| 1996 | 590.09 | 680.70   | 588.78   |
| 1997 | 498.88 | 859.33   | 487.01   |
| 1998 | 547.61 | 704.11   | 540.82   |
| 1999 | 581.53 | 879.25   | 570.72   |
| 2000 | 592.74 | 1,004.38 | 584.30   |

Fuente: Elaborado por el CEEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 9.1

## México: Oferta y demanda total de sorgo

(Toneladas)

| Año  | OFERTA     |               | OFERTA = DEMANDA             |                           | DEMANDA   |          |              |               |                                        |
|------|------------|---------------|------------------------------|---------------------------|-----------|----------|--------------|---------------|----------------------------------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+h-i ) | Consumo aparente<br>total | Piensos   | Semillas | Desperdicios | Exportaciones | Cambio en las existencias <sup>1</sup> |
|      | ( a )      | ( b )         |                              | ( d = e+f+g )             | ( e )     | ( f )    | ( g )        | ( h )         | ( i )                                  |
| 1961 | 290,641    | 31,318        | 321,959                      | 321,938                   | 313,734   | 1,765    | 6,439        | 21            | 0                                      |
| 1962 | 295,920    | 58,652        | 354,572                      | 354,556                   | 344,502   | 2,963    | 7,091        | 16            | 0                                      |
| 1963 | 402,183    | 137,888       | 540,071                      | 539,923                   | 524,975   | 4,147    | 10,801       | 148           | 0                                      |
| 1964 | 525,554    | 21,337        | 546,891                      | 546,453                   | 530,799   | 4,716    | 10,938       | 438           | 0                                      |
| 1965 | 746,994    | 33,858        | 780,852                      | 780,852                   | 756,597   | 8,638    | 15,617       | 0             | 0                                      |
| 1966 | 1,410,971  | 22,940        | 1,433,911                    | 1,394,946                 | 1,356,168 | 10,100   | 28,678       | 38,965        | 0                                      |
| 1967 | 1,666,619  | 4,521         | 1,671,140                    | 1,257,759                 | 1,211,890 | 12,446   | 33,423       | 413,381       | 0                                      |
| 1968 | 2,132,619  | 60,608        | 2,193,227                    | 2,027,160                 | 1,970,047 | 13,248   | 43,865       | 166,067       | 0                                      |
| 1969 | 2,455,928  | 11,718        | 2,467,646                    | 2,424,380                 | 2,360,463 | 14,564   | 49,353       | 43,266        | 0                                      |
| 1970 | 2,747,210  | 25,890        | 2,773,100                    | 2,729,333                 | 2,659,834 | 14,037   | 55,462       | 43,767        | 0                                      |
| 1971 | 2,515,958  | 17,108        | 2,533,066                    | 2,475,346                 | 2,408,050 | 16,635   | 50,661       | 57,720        | 0                                      |
| 1972 | 2,611,523  | 246,313       | 2,857,836                    | 2,857,681                 | 2,782,755 | 17,769   | 57,157       | 155           | 0                                      |
| 1973 | 3,269,836  | 13,602        | 3,283,438                    | 3,282,820                 | 3,199,815 | 17,336   | 65,669       | 618           | 0                                      |
| 1974 | 3,182,582  | 426,717       | 3,609,299                    | 3,609,299                 | 3,515,437 | 21,676   | 72,186       | 0             | 0                                      |
| 1975 | 4,125,818  | 835,089       | 4,960,907                    | 4,960,183                 | 4,842,198 | 18,767   | 99,218       | 724           | 0                                      |
| 1976 | 4,026,864  | 44,102        | 4,070,966                    | 4,070,626                 | 3,968,006 | 21,201   | 81,419       | 340           | 0                                      |
| 1977 | 4,324,968  | 714,526       | 5,039,494                    | 5,039,491                 | 4,917,712 | 20,989   | 100,790      | 3             | 0                                      |
| 1978 | 4,192,997  | 753,090       | 4,946,087                    | 4,944,825                 | 4,824,063 | 21,840   | 98,922       | 1,262         | 0                                      |
| 1979 | 3,988,423  | 1,276,747     | 5,265,170                    | 5,264,775                 | 5,134,407 | 25,065   | 105,303      | 395           | 0                                      |
| 1980 | 4,689,445  | 2,255,028     | 6,944,473                    | 6,942,427                 | 6,775,533 | 28,005   | 138,889      | 2,046         | 0                                      |
| 1981 | 6,295,667  | 2,788,819     | 9,084,486                    | 9,082,218                 | 8,873,003 | 27,525   | 181,690      | 2,268         | 0                                      |
| 1982 | 4,716,868  | 2,543,005     | 7,259,873                    | 7,251,877                 | 7,076,845 | 29,835   | 145,197      | 7,996         | 0                                      |
| 1983 | 4,846,337  | 3,308,302     | 8,154,639                    | 8,154,629                 | 7,963,051 | 28,485   | 163,093      | 10            | 0                                      |
| 1984 | 4,974,035  | 2,746,552     | 7,720,587                    | 7,720,539                 | 7,535,227 | 30,900   | 154,412      | 48            | 0                                      |
| 1985 | 6,596,708  | 2,254,750     | 8,851,458                    | 8,850,508                 | 8,644,769 | 28,710   | 177,029      | 950           | 0                                      |
| 1986 | 5,895,000  | 766,800       | 6,661,800                    | 6,660,975                 | 6,496,899 | 30,840   | 133,236      | 825           | 0                                      |
| 1987 | 6,298,011  | 751,936       | 7,049,947                    | 7,048,871                 | 6,878,757 | 29,115   | 140,999      | 1,076         | 0                                      |
| 1988 | 5,894,949  | 1,147,295     | 7,042,244                    | 7,041,560                 | 6,873,565 | 27,150   | 140,845      | 684           | 0                                      |
| 1989 | 5,002,072  | 2,674,188     | 7,676,260                    | 7,675,260                 | 7,492,999 | 28,736   | 153,525      | 1,000         | 0                                      |
| 1990 | 5,978,162  | 2,851,385     | 8,829,547                    | 8,835,389                 | 8,635,953 | 22,640   | 176,796      | 1,527         | -7,369                                 |
| 1991 | 4,307,792  | 2,873,903     | 7,181,695                    | 7,467,351                 | 7,295,320 | 21,867   | 150,164      | 40,883        | -326,539                               |
| 1992 | 5,353,223  | 4,745,647     | 10,098,870                   | 8,579,904                 | 8,363,692 | 14,614   | 201,598      | 20            | 1,518,946                              |
| 1993 | 2,581,072  | 3,760,839     | 6,341,911                    | 7,826,262                 | 7,648,217 | 21,520   | 156,525      | 124           | -1,484,475                             |
| 1994 | 3,701,120  | 3,487,157     | 7,188,277                    | 7,175,837                 | 7,008,554 | 23,766   | 143,517      | 40            | 12,400                                 |
| 1995 | 4,169,898  | 2,109,696     | 6,279,594                    | 6,262,287                 | 6,101,867 | 35,172   | 125,248      | 414           | 16,893                                 |
| 1996 | 6,809,490  | 2,010,071     | 8,819,561                    | 8,792,007                 | 8,584,309 | 31,848   | 175,850      | 1,154         | 26,400                                 |
| 1997 | 5,711,564  | 2,213,063     | 7,924,627                    | 7,900,023                 | 7,708,288 | 32,642   | 158,002      | 1,055         | 23,549                                 |
| 1998 | 6,474,842  | 3,109,912     | 9,584,754                    | 9,584,638                 | nd        | nd       | nd           | 116           | 0                                      |
| 1999 | 6,043,254  | 4,566,257     | 10,609,511                   | 10,608,817                | nd        | nd       | nd           | 694           | 0                                      |
| 2000 | 6,403,552  | nd            | 6,403,552                    | nd                        | nd        | nd       | nd           | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 9.2  
México: Balance interno de sorgo  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 290,641    | 321,938                | -31,297         |
| 1962 | 295,920    | 354,556                | -58,636         |
| 1963 | 402,183    | 539,923                | -137,740        |
| 1964 | 525,554    | 546,453                | -20,899         |
| 1965 | 746,994    | 780,852                | -33,858         |
| 1966 | 1,410,971  | 1,394,946              | 16,025          |
| 1967 | 1,666,619  | 1,257,759              | 408,860         |
| 1968 | 2,132,619  | 2,027,160              | 105,459         |
| 1969 | 2,455,928  | 2,424,380              | 31,548          |
| 1970 | 2,747,210  | 2,729,333              | 17,877          |
| 1971 | 2,515,958  | 2,475,346              | 40,612          |
| 1972 | 2,611,523  | 2,857,681              | -246,158        |
| 1973 | 3,269,836  | 3,282,820              | -12,984         |
| 1974 | 3,182,582  | 3,609,299              | -426,717        |
| 1975 | 4,125,818  | 4,960,183              | -834,365        |
| 1976 | 4,026,864  | 4,070,626              | -43,762         |
| 1977 | 4,324,968  | 5,039,491              | -714,523        |
| 1978 | 4,192,997  | 4,944,825              | -751,828        |
| 1979 | 3,988,423  | 5,264,775              | -1,276,352      |
| 1980 | 4,689,445  | 6,942,427              | -2,252,982      |
| 1981 | 6,295,667  | 9,082,218              | -2,786,551      |
| 1982 | 4,716,868  | 7,251,877              | -2,535,009      |
| 1983 | 4,846,337  | 8,154,629              | -3,308,292      |
| 1984 | 4,974,035  | 7,720,539              | -2,746,504      |
| 1985 | 6,596,708  | 8,850,508              | -2,253,800      |
| 1986 | 5,895,000  | 6,660,975              | -765,975        |
| 1987 | 6,298,011  | 7,048,871              | -750,860        |
| 1988 | 5,894,949  | 7,041,560              | -1,146,611      |
| 1989 | 5,002,072  | 7,675,260              | -2,673,188      |
| 1990 | 5,978,162  | 8,835,389              | -2,857,227      |
| 1991 | 4,307,792  | 7,467,351              | -3,159,559      |
| 1992 | 5,353,223  | 8,579,904              | -3,226,681      |
| 1993 | 2,581,072  | 7,826,262              | -5,245,190      |
| 1994 | 3,701,120  | 7,175,837              | -3,474,717      |
| 1995 | 4,169,898  | 6,262,287              | -2,092,389      |
| 1996 | 6,809,490  | 8,792,007              | -1,982,517      |
| 1997 | 5,711,564  | 7,900,023              | -2,188,459      |
| 1998 | 6,474,842  | 9,584,638              | -3,109,796      |
| 1999 | 6,043,254  | 10,608,817             | -4,565,563      |
| 2000 | 6,403,552  | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 9.3

México: Rendimiento de sorgo por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 116,693                            | 290,641                   | 2.4906                              |
| 1962 | 117,637                            | 295,920                   | 2.5155                              |
| 1963 | 197,566                            | 402,183                   | 2.0357                              |
| 1964 | 276,494                            | 525,554                   | 1.9008                              |
| 1965 | 314,373                            | 746,994                   | 2.3761                              |
| 1966 | 575,860                            | 1,410,971                 | 2.4502                              |
| 1967 | 673,345                            | 1,666,619                 | 2.4751                              |
| 1968 | 829,719                            | 2,132,619                 | 2.5703                              |
| 1969 | 883,214                            | 2,455,928                 | 2.7807                              |
| 1970 | 970,930                            | 2,747,210                 | 2.8295                              |
| 1971 | 935,785                            | 2,515,958                 | 2.6886                              |
| 1972 | 1,108,972                          | 2,611,523                 | 2.3549                              |
| 1973 | 1,184,596                          | 3,269,836                 | 2.7603                              |
| 1974 | 1,155,746                          | 3,182,582                 | 2.7537                              |
| 1975 | 1,445,100                          | 4,125,818                 | 2.8550                              |
| 1976 | 1,251,130                          | 4,026,864                 | 3.2186                              |
| 1977 | 1,413,386                          | 4,324,968                 | 3.0600                              |
| 1978 | 1,399,296                          | 4,192,997                 | 2.9965                              |
| 1979 | 1,163,567                          | 3,988,423                 | 3.4278                              |
| 1980 | 1,543,092                          | 4,689,445                 | 3.0390                              |
| 1981 | 1,684,434                          | 6,295,667                 | 3.7376                              |
| 1982 | 1,284,705                          | 4,716,868                 | 3.6716                              |
| 1983 | 1,528,063                          | 4,846,337                 | 3.1716                              |
| 1984 | 1,635,858                          | 4,974,035                 | 3.0406                              |
| 1985 | 1,862,140                          | 6,596,708                 | 3.5425                              |
| 1986 | 1,535,071                          | 5,895,000                 | 3.8402                              |
| 1987 | 1,855,091                          | 6,298,011                 | 3.3950                              |
| 1988 | 1,799,700                          | 5,894,949                 | 3.2755                              |
| 1989 | 1,620,828                          | 5,002,072                 | 3.0861                              |
| 1990 | 1,817,741                          | 5,978,162                 | 3.2888                              |
| 1991 | 1,380,912                          | 4,307,792                 | 3.1195                              |
| 1992 | 1,375,805                          | 5,353,223                 | 3.8910                              |
| 1993 | 877,663                            | 2,581,072                 | 2.9408                              |
| 1994 | 1,251,830                          | 3,701,120                 | 2.9566                              |
| 1995 | 1,372,350                          | 4,169,898                 | 3.0385                              |
| 1996 | 2,184,720                          | 6,809,490                 | 3.1169                              |
| 1997 | 1,877,356                          | 5,711,564                 | 3.0423                              |
| 1998 | 1,953,100                          | 6,474,842                 | 3.3152                              |
| 1999 | 1,913,400                          | 6,043,254                 | 3.1584                              |
| 2000 | 2,148,200                          | 6,403,552                 | 2.9809                              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 9.4

México: Producción y consumo de sorgo por habitante  
(Kilogramos)

| Año  | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 8.0256                | 8.8887                     | -0.8642                   |
| 1962 | 37,486,139         | 7.8941                | 9.4563                     | -1.5642                   |
| 1963 | 39,800,538         | 10.3654               | 13.9153                    | -3.5500                   |
| 1964 | 40,147,886         | 13.0904               | 13.6110                    | -0.5205                   |
| 1965 | 41,535,828         | 17.9843               | 16.7985                    | -0.8152                   |
| 1966 | 42,955,459         | 32.8473               | 22.4742                    | 0.3731                    |
| 1967 | 44,397,880         | 37.5383               | 26.3283                    | 9.2080                    |
| 1968 | 45,859,533         | 46.5032               | 44.2036                    | 2.2996                    |
| 1969 | 47,337,557         | 51.8812               | 61.2147                    | 0.8864                    |
| 1970 | 48,852,306         | 56.2350               | 66.8691                    | 0.3659                    |
| 1971 | 50,393,091         | 49.9266               | 49.1207                    | 0.8059                    |
| 1972 | 51,948,772         | 50.2711               | 55.0096                    | -4.7385                   |
| 1973 | 53,517,788         | 61.0981               | 61.3407                    | -0.2426                   |
| 1974 | 55,104,832         | 57.7560               | 65.4988                    | -7.7437                   |
| 1975 | 56,687,703         | 72.7815               | 87.5002                    | -14.7186                  |
| 1976 | 58,291,820         | 69.0811               | 69.8319                    | -0.7507                   |
| 1977 | 59,900,617         | 72.2024               | 84.1309                    | -11.9285                  |
| 1978 | 61,527,486         | 68.1484               | 80.3677                    | -12.2194                  |
| 1979 | 63,161,213         | 63.1467               | 83.3546                    | -20.2079                  |
| 1980 | 64,798,572         | 72.3907               | 107.1881                   | -34.7744                  |
| 1981 | 66,425,164         | 94.7783               | 136.7286                   | -41.9502                  |
| 1982 | 68,081,155         | 69.2830               | 106.5181                   | -37.2351                  |
| 1983 | 69,744,148         | 69.4874               | 116.9221                   | -47.4347                  |
| 1984 | 71,421,164         | 69.6437               | 108.0988                   | -38.4550                  |
| 1985 | 73,112,440         | 90.2289               | 121.0534                   | -30.8245                  |
| 1986 | 74,817,783         | 78.7914               | 89.0299                    | -10.2379                  |
| 1987 | 76,536,428         | 82.2878               | 92.0962                    | -9.8105                   |
| 1988 | 78,266,898         | 75.3185               | 89.9686                    | -14.6500                  |
| 1989 | 80,019,134         | 82.5109               | 96.9178                    | -33.4069                  |
| 1990 | 81,781,347         | 73.0883               | 108.0987                   | -34.9374                  |
| 1991 | 83,554,530         | 51.5567               | 69.3710                    | -37.8143                  |
| 1992 | 85,348,102         | 62.7222               | 100.5284                   | -37.8061                  |
| 1993 | 87,117,464         | 29.6275               | 89.8357                    | -60.2082                  |
| 1994 | 88,863,239         | 41.6496               | 80.7515                    | -39.1018                  |
| 1995 | 90,578,718         | 46.0362               | 69.1364                    | -23.1002                  |
| 1996 | 92,228,085         | 73.8332               | 96.3280                    | -21.4948                  |
| 1997 | 93,813,963         | 60.8818               | 84.2096                    | -23.3278                  |
| 1998 | 95,326,450         | 67.9228               | 100.5454                   | -32.6226                  |
| 1999 | 96,714,391         | 62.4856               | 109.6822                   | -47.2067                  |
| 2000 | 97,925,896         | 65.3918               | nd                         | nd                        |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos Consumos aparentes de productos agrícolas, SARH, 1993 y Banco de datos FAOSTAT, 1999, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 9.5  
México: Oferta y demanda total de sorgo  
(Porcentaje)

| Año  | OFERTA     |               | OFERTA = DEMANDA<br>$(c = a+b)$<br>$(e = d+h+i)$ | DEMANDA                |        |          |              |               |                             |
|------|------------|---------------|--------------------------------------------------|------------------------|--------|----------|--------------|---------------|-----------------------------|
|      | Producción | Importaciones |                                                  | Consumo aparente total | Pienso | Semillas | Desperdicios | Exportaciones | Cambio en las existencias * |
|      | (a)        | (b)           |                                                  | (d = e+f+g)            | (e)    | (f)      | (g)          | (h)           | (i)                         |
| 1961 | 90.27      | 9.73          | 100.00                                           | 99.99                  | 97.45  | 0.55     | 2.00         | 0.01          | 0.00                        |
| 1962 | 83.46      | 16.54         | 100.00                                           | 100.00                 | 97.16  | 0.84     | 2.00         | 0.00          | 0.00                        |
| 1963 | 74.47      | 25.53         | 100.00                                           | 99.97                  | 97.23  | 0.77     | 2.00         | 0.03          | 0.00                        |
| 1964 | 96.10      | 3.90          | 100.00                                           | 99.92                  | 97.14  | 0.86     | 2.00         | 0.06          | 0.00                        |
| 1965 | 95.66      | 4.34          | 100.00                                           | 100.00                 | 96.89  | 1.11     | 2.00         | 0.00          | 0.00                        |
| 1966 | 98.40      | 1.60          | 100.00                                           | 97.39                  | 97.22  | 0.72     | 2.06         | 2.72          | 0.00                        |
| 1967 | 99.73      | 0.27          | 100.00                                           | 75.35                  | 96.35  | 0.99     | 2.66         | 24.74         | 0.00                        |
| 1968 | 97.24      | 2.76          | 100.00                                           | 92.43                  | 97.18  | 0.65     | 2.16         | 7.57          | 0.00                        |
| 1969 | 99.53      | 0.47          | 100.00                                           | 98.35                  | 97.36  | 0.60     | 2.04         | 1.75          | 0.00                        |
| 1970 | 98.07      | 0.93          | 100.00                                           | 98.42                  | 97.45  | 0.51     | 2.03         | 1.58          | 0.00                        |
| 1971 | 99.32      | 0.68          | 100.00                                           | 97.72                  | 97.28  | 0.67     | 2.05         | 2.28          | 0.00                        |
| 1972 | 91.38      | 8.62          | 100.00                                           | 99.99                  | 97.38  | 0.62     | 2.00         | 0.01          | 0.00                        |
| 1973 | 99.59      | 0.41          | 100.00                                           | 99.98                  | 97.47  | 0.53     | 2.00         | 0.02          | 0.00                        |
| 1974 | 88.18      | 11.82         | 100.00                                           | 100.00                 | 97.40  | 0.60     | 2.00         | 0.00          | 0.00                        |
| 1975 | 83.17      | 16.83         | 100.00                                           | 99.99                  | 97.62  | 0.38     | 2.00         | 0.01          | 0.00                        |
| 1976 | 98.92      | 1.08          | 100.00                                           | 99.99                  | 97.48  | 0.52     | 2.00         | 0.01          | 0.00                        |
| 1977 | 85.82      | 14.18         | 100.00                                           | 100.00                 | 97.58  | 0.42     | 2.00         | 0.00          | 0.00                        |
| 1978 | 84.77      | 15.23         | 100.00                                           | 99.97                  | 97.66  | 0.44     | 2.00         | 0.03          | 0.00                        |
| 1979 | 75.75      | 24.25         | 100.00                                           | 99.99                  | 97.62  | 0.48     | 2.00         | 0.01          | 0.00                        |
| 1980 | 67.53      | 32.47         | 100.00                                           | 99.97                  | 97.60  | 0.40     | 2.00         | 0.03          | 0.00                        |
| 1981 | 69.30      | 30.70         | 100.00                                           | 99.99                  | 97.70  | 0.30     | 2.00         | 0.02          | 0.00                        |
| 1982 | 64.97      | 35.03         | 100.00                                           | 99.99                  | 97.59  | 0.41     | 2.00         | 0.11          | 0.00                        |
| 1983 | 59.43      | 40.57         | 100.00                                           | 100.00                 | 97.65  | 0.35     | 2.00         | 0.00          | 0.00                        |
| 1984 | 64.43      | 35.57         | 100.00                                           | 100.00                 | 97.60  | 0.40     | 2.00         | 0.00          | 0.00                        |
| 1985 | 74.53      | 25.47         | 100.00                                           | 99.99                  | 97.68  | 0.32     | 2.00         | 0.01          | 0.00                        |
| 1986 | 88.49      | 11.51         | 100.00                                           | 99.99                  | 97.54  | 0.46     | 2.00         | 0.01          | 0.00                        |
| 1987 | 89.33      | 10.67         | 100.00                                           | 99.98                  | 97.69  | 0.41     | 2.00         | 0.02          | 0.00                        |
| 1988 | 83.71      | 16.29         | 100.00                                           | 99.99                  | 97.61  | 0.38     | 2.00         | 0.01          | 0.00                        |
| 1989 | 65.16      | 34.84         | 100.00                                           | 99.99                  | 97.63  | 0.37     | 2.00         | 0.01          | 0.00                        |
| 1990 | 67.71      | 32.29         | 100.00                                           | 100.07                 | 97.74  | 0.26     | 2.00         | 0.02          | -0.08                       |
| 1991 | 59.98      | 40.02         | 100.00                                           | 103.98                 | 97.70  | 0.29     | 2.01         | 0.57          | -4.55                       |
| 1992 | 53.01      | 46.99         | 100.00                                           | 84.95                  | 97.48  | 0.17     | 2.35         | 0.00          | 15.04                       |
| 1993 | 40.70      | 59.30         | 100.00                                           | 123.41                 | 97.73  | 0.27     | 2.00         | 0.00          | -23.41                      |
| 1994 | 51.49      | 48.51         | 100.00                                           | 99.83                  | 97.67  | 0.33     | 2.00         | 0.00          | 0.17                        |
| 1995 | 66.40      | 33.60         | 100.00                                           | 99.72                  | 97.44  | 0.56     | 2.00         | 0.01          | 0.27                        |
| 1996 | 77.21      | 22.79         | 100.00                                           | 99.69                  | 97.64  | 0.36     | 2.00         | 0.01          | 0.30                        |
| 1997 | 72.07      | 27.93         | 100.00                                           | 99.69                  | 97.67  | 0.41     | 2.00         | 0.01          | 0.30                        |
| 1998 | 67.55      | 32.45         | 100.00                                           | 100.00                 | nd     | nd       | nd           | 0.00          | 0.00                        |
| 1999 | 56.96      | 43.04         | 100.00                                           | 99.99                  | nd     | nd       | nd           | 0.01          | 0.00                        |
| 2000 | nd         | nd            | 100.00                                           | nd                     | nd     | nd       | nd           | nd            | nd                          |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

\* El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFF de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1993, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 9.6

### México: Superficie cosechada y producción por modalidad de (Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 35                        | 65       | 100   | 46                        | 54       | 100   |
| 1971 | 34                        | 66       | 100   | 50                        | 50       | 100   |
| 1972 | 34                        | 66       | 100   | 42                        | 58       | 100   |
| 1973 | 38                        | 62       | 100   | 50                        | 50       | 100   |
| 1974 | 35                        | 65       | 100   | 42                        | 58       | 100   |
| 1975 | 36                        | 64       | 100   | 43                        | 57       | 100   |
| 1976 | 45                        | 55       | 100   | 49                        | 51       | 100   |
| 1977 | 32                        | 68       | 100   | 42                        | 58       | 100   |
| 1978 | 41                        | 59       | 100   | 44                        | 56       | 100   |
| 1979 | 47                        | 53       | 100   | 59                        | 41       | 100   |
| 1980 | 31                        | 69       | 100   | 45                        | 55       | 100   |
| 1981 | 35                        | 65       | 100   | 43                        | 57       | 100   |
| 1982 | 40                        | 60       | 100   | 51                        | 49       | 100   |
| 1983 | 37                        | 63       | 100   | 46                        | 54       | 100   |
| 1984 | 32                        | 68       | 100   | 46                        | 54       | 100   |
| 1985 | 32                        | 68       | 100   | 39                        | 61       | 100   |
| 1986 | 36                        | 64       | 100   | 50                        | 50       | 100   |
| 1987 | 34                        | 66       | 100   | 47                        | 53       | 100   |
| 1988 | 29                        | 71       | 100   | 42                        | 58       | 100   |
| 1989 | 33                        | 67       | 100   | 50                        | 50       | 100   |
| 1990 | 32                        | 68       | 100   | 48                        | 52       | 100   |
| 1991 | 30                        | 70       | 100   | 45                        | 55       | 100   |
| 1992 | 34                        | 66       | 100   | 45                        | 55       | 100   |
| 1993 | 24                        | 76       | 100   | 41                        | 59       | 100   |
| 1994 | 22                        | 78       | 100   | 40                        | 60       | 100   |
| 1995 | 23                        | 77       | 100   | 41                        | 59       | 100   |
| 1996 | 23                        | 77       | 100   | 39                        | 61       | 100   |
| 1997 | 24                        | 76       | 100   | 42                        | 58       | 100   |
| 1998 | 22                        | 78       | 100   | 39                        | 61       | 100   |
| 1999 | 19                        | 81       | 100   | 37                        | 63       | 100   |
| 2000 | 17                        | 83       | 100   | 31                        | 69       | 100   |

Fuente: Elaborado por el CEEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 9.7

## México: Superficie cosechada y producción por modalidad de sorgo

| Año  | Superficie<br>(Hectáreas) |           |           | Producción<br>(Toneladas) |           |           |
|------|---------------------------|-----------|-----------|---------------------------|-----------|-----------|
|      | Riego                     | Temporal  | Total     | Riego                     | Temporal  | Total     |
| 1970 | 335,976                   | 634,954   | 970,930   | 1,262,096                 | 1,485,114 | 2,747,210 |
| 1971 | 320,584                   | 615,201   | 935,785   | 1,253,599                 | 1,262,359 | 2,515,958 |
| 1972 | 374,991                   | 733,981   | 1,108,972 | 1,085,802                 | 1,525,721 | 2,611,523 |
| 1973 | 453,845                   | 730,751   | 1,184,596 | 1,638,918                 | 1,630,918 | 3,269,836 |
| 1974 | 408,910                   | 746,836   | 1,155,746 | 1,327,061                 | 1,855,521 | 3,182,582 |
| 1975 | 514,036                   | 931,064   | 1,445,100 | 1,771,922                 | 2,353,896 | 4,125,818 |
| 1976 | 569,059                   | 682,071   | 1,251,130 | 1,969,933                 | 2,056,931 | 4,026,864 |
| 1977 | 452,123                   | 961,263   | 1,413,386 | 1,814,987                 | 2,509,981 | 4,324,968 |
| 1978 | 580,123                   | 819,173   | 1,399,296 | 1,825,326                 | 2,367,671 | 4,192,997 |
| 1979 | 547,796                   | 615,771   | 1,163,567 | 2,354,250                 | 1,634,173 | 3,988,423 |
| 1980 | 478,856                   | 1,064,236 | 1,543,092 | 2,101,036                 | 2,588,409 | 4,689,445 |
| 1981 | 589,962                   | 1,094,472 | 1,684,434 | 2,704,624                 | 3,591,043 | 6,295,667 |
| 1982 | 516,517                   | 768,188   | 1,284,705 | 2,409,508                 | 2,307,360 | 4,716,868 |
| 1983 | 561,586                   | 966,477   | 1,528,063 | 2,220,818                 | 2,625,519 | 4,846,337 |
| 1984 | 519,613                   | 1,116,245 | 1,635,858 | 2,275,823                 | 2,698,212 | 4,974,035 |
| 1985 | 587,977                   | 1,274,163 | 1,862,140 | 2,602,703                 | 3,994,005 | 6,596,708 |
| 1986 | 546,992                   | 988,079   | 1,535,071 | 2,972,996                 | 2,922,004 | 5,895,000 |
| 1987 | 635,191                   | 1,219,900 | 1,855,091 | 2,980,432                 | 3,317,579 | 6,298,011 |
| 1988 | 515,472                   | 1,284,228 | 1,799,700 | 2,478,064                 | 3,416,885 | 5,894,949 |
| 1989 | 528,172                   | 1,092,656 | 1,620,828 | 2,481,974                 | 2,520,098 | 5,002,072 |
| 1990 | 582,111                   | 1,235,630 | 1,817,741 | 2,860,959                 | 3,117,203 | 5,978,162 |
| 1991 | 409,141                   | 971,771   | 1,380,912 | 1,937,183                 | 2,370,609 | 4,307,792 |
| 1992 | 462,075                   | 913,730   | 1,375,805 | 2,430,338                 | 2,922,885 | 5,353,223 |
| 1993 | 211,071                   | 666,592   | 877,663   | 1,051,607                 | 1,529,465 | 2,581,072 |
| 1994 | 271,447                   | 980,383   | 1,251,830 | 1,492,336                 | 2,208,784 | 3,701,120 |
| 1995 | 319,896                   | 1,052,454 | 1,372,350 | 1,705,392                 | 2,464,506 | 4,169,898 |
| 1996 | 510,043                   | 1,674,677 | 2,184,720 | 2,628,296                 | 4,181,194 | 6,809,490 |
| 1997 | 452,227                   | 1,425,129 | 1,877,356 | 2,399,935                 | 3,311,629 | 5,711,564 |
| 1998 | 437,293                   | 1,515,807 | 1,953,100 | 2,495,727                 | 3,979,115 | 6,474,842 |
| 1999 | 363,204                   | 1,550,236 | 1,913,400 | 2,205,943                 | 3,837,311 | 6,043,254 |
| 2000 | 369,274                   | 1,800,739 | 2,148,200 | 2,015,071                 | 4,388,481 | 6,403,552 |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 9.8

### México: Rendimientos, producción entre superficie cosechada de sorgo

(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 2,829.46 | 3,756.51 | 2,338.93 |
| 1971 | 2,688.61 | 3,910.36 | 2,051.94 |
| 1972 | 2,354.90 | 2,895.54 | 2,078.69 |
| 1973 | 2,760.30 | 3,611.18 | 2,231.84 |
| 1974 | 2,753.70 | 3,245.36 | 2,484.51 |
| 1975 | 2,855.04 | 3,447.08 | 2,528.18 |
| 1976 | 3,218.58 | 3,461.74 | 3,015.71 |
| 1977 | 3,060.00 | 4,014.36 | 2,611.13 |
| 1978 | 2,996.50 | 3,146.45 | 2,890.32 |
| 1979 | 3,427.76 | 4,297.67 | 2,653.87 |
| 1980 | 3,038.99 | 4,387.62 | 2,432.18 |
| 1981 | 3,737.56 | 4,584.40 | 3,281.07 |
| 1982 | 3,671.56 | 4,664.91 | 3,003.64 |
| 1983 | 3,171.56 | 3,954.55 | 2,716.59 |
| 1984 | 3,040.63 | 4,379.84 | 2,417.22 |
| 1985 | 3,542.54 | 4,426.54 | 3,134.61 |
| 1986 | 3,840.21 | 5,435.17 | 2,957.26 |
| 1987 | 3,394.99 | 4,692.18 | 2,719.55 |
| 1988 | 3,275.52 | 4,807.37 | 2,660.65 |
| 1989 | 3,086.12 | 4,699.18 | 2,306.40 |
| 1990 | 3,288.79 | 4,914.80 | 2,522.76 |
| 1991 | 3,119.53 | 4,734.76 | 2,439.47 |
| 1992 | 3,890.98 | 5,259.62 | 3,198.85 |
| 1993 | 2,940.85 | 4,982.24 | 2,294.45 |
| 1994 | 2,956.57 | 5,497.70 | 2,252.98 |
| 1995 | 3,038.51 | 5,331.08 | 2,341.68 |
| 1996 | 3,116.87 | 5,153.09 | 2,496.72 |
| 1997 | 3,042.34 | 5,306.93 | 2,323.74 |
| 1998 | 3,315.16 | 5,707.22 | 2,625.08 |
| 1999 | 3,158.39 | 6,073.56 | 2,475.31 |
| 2000 | 2,980.89 | 5,456.85 | 2,437.04 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 10.1

México: Oferta y demanda total de soya  
(Toneladas)

| AÑO  | OFERTA     |               | OFERTA - DEMANDA        |                         | DEMANDA  |                           |                |              |            |               |                                         |
|------|------------|---------------|-------------------------|-------------------------|----------|---------------------------|----------------|--------------|------------|---------------|-----------------------------------------|
|      | Producción | Importaciones | (c = a+b)<br>(c = dh+e) | Consumo aparente total  | Semillas | Desperdicios <sup>1</sup> | Transformación | Alimentación | Otros usos | Exportaciones | Cambio en las existencias <sup>1*</sup> |
|      | (a)        | (b)           |                         | (d = a + f + g + h + i) | (e)      | (f)                       | (g)            | (h)          | (i)        | (j)           | (k)                                     |
| 1961 | 19,737     | 442           | 20,179.0                | 20,179                  | 13,035   | 1,093                     | 605            | 5,440        | 6          | 0             | 0                                       |
| 1962 | 56,721     | 2,375         | 59,097.0                | 59,097                  | 41,529   | 1,097                     | 1,773          | 14,692       | 6          | 0             | 0                                       |
| 1963 | 56,258     | 907           | 57,165.0                | 57,165                  | 40,922   | 1,225                     | 1,715          | 13,295       | 7          | 0             | 0                                       |
| 1964 | 80,207     | 1,947         | 82,154.0                | 82,154                  | 18,637   | 1,098                     | 1,854          | 40,548       | 7          | 0             | 0                                       |
| 1965 | 57,875     | 2,877         | 60,752.0                | 60,752                  | 33,680   | 2,170                     | 1,822          | 23,093       | 7          | 0             | 0                                       |
| 1966 | 94,849     | 5,035         | 99,883.0                | 99,883                  | 52,765   | 2,795                     | 2,995          | 41,330       | 5          | 0             | 0                                       |
| 1967 | 131,023    | 5,347         | 136,370.0               | 136,370                 | 65,948   | 5,319                     | 4,091          | 61,003       | 9          | 0             | 0                                       |
| 1968 | 275,162    | 12,154        | 287,316.0               | 287,316                 | 174,715  | 6,528                     | 8,619          | 97,444       | 10         | 0             | 0                                       |
| 1969 | 266,710    | 15,585        | 302,295.0               | 302,295                 | 166,111  | 4,470                     | 9,059          | 120,636      | 9          | 0             | 0                                       |
| 1970 | 214,603    | 101,610       | 316,213.0               | 316,213                 | 64,352   | 5,157                     | 9,486          | 237,203      | 15         | 0             | 0                                       |
| 1971 | 265,878    | 66,274        | 324,152.0               | 324,152                 | 90,224   | 6,866                     | 9,724          | 215,205      | 13         | 0             | 0                                       |
| 1972 | 376,810    | 10,763        | 387,573.0               | 387,573                 | 86,751   | 12,475                    | 11,626         | 276,685      | 56         | 0             | 0                                       |
| 1973 | 565,474    | 42,511        | 627,985.0               | 627,985                 | 122,075  | 12,004                    | 18,858         | 475,000      | 68         | 0             | 0                                       |
| 1974 | 491,084    | 434,854       | 925,938.0               | 675,938                 | 100,302  | 13,778                    | 27,776         | 534,000      | 62         | 0             | 250,000                                 |
| 1975 | 598,694    | 22,464        | 621,158.0               | 671,158                 | 83,716   | 8,895                     | 20,122         | 560,000      | 425        | 0             | -90,000                                 |
| 1976 | 302,492    | 347,983       | 650,475.0               | 750,475                 | 35,311   | 12,571                    | 22,512         | 680,000      | 81         | 0             | -100,000                                |
| 1977 | 516,275    | 525,179       | 1,041,454.0             | 791,454                 | 31,457   | 8,680                     | 31,241         | 720,000      | 96         | 0             | 250,000                                 |
| 1978 | 333,960    | 681,483       | 1,015,443.0             | 915,443                 | 54,188   | 15,880                    | 30,460         | 815,000      | 115        | 0             | 100,000                                 |
| 1979 | 707,142    | 577,609       | 1,284,751.0             | 1,064,751               | 40,002   | 8,400                     | 38,549         | 1,000,000    | 0          | 0             | 200,000                                 |
| 1980 | 322,205    | 521,736       | 843,941.0               | 1,193,941               | 42,784   | 15,160                    | 35,813         | 1,100,000    | 184        | 0             | -360,000                                |
| 1981 | 711,920    | 1,110,360     | 1,822,280.0             | 1,622,280               | 67,636   | 16,800                    | 54,663         | 1,469,000    | 181        | 0             | 200,000                                 |
| 1982 | 672,364    | 697,751       | 1,360,115.0             | 1,860,083               | 67,475   | 16,540                    | 55,798         | 1,720,000    | 170        | 32            | -600,000                                |
| 1983 | 686,495    | 999,049       | 1,675,505.0             | 1,675,505               | 158,175  | 17,040                    | 50,264         | 1,450,000    | 36         | 0             | 0                                       |
| 1984 | 684,899    | 2,371,046     | 3,055,945.0             | 2,265,945               | 337,959  | 20,200                    | 91,675         | 1,806,000    | 111        | 0             | 600,000                                 |
| 1985 | 928,616    | 1,459,944     | 2,422,560.0             | 2,372,560               | 252,537  | 16,200                    | 72,672         | 2,031,000    | 151        | 0             | 90,000                                  |
| 1986 | 708,724    | 826,632       | 1,535,356.0             | 2,065,316               | 145,146  | 19,920                    | 61,958         | 1,838,200    | 92         | 40            | -630,000                                |
| 1987 | 928,210    | 1,062,387     | 1,890,597.0             | 1,860,487               | 82,453   | 6,200                     | 56,714         | 1,715,000    | 120        | 110           | 30,000                                  |
| 1988 | 226,305    | 1,057,960     | 1,324,265.0             | 1,584,245               | 52,810   | 20,312                    | 47,525         | 1,463,500    | 98         | 20            | -260,000                                |
| 1989 | 952,391    | 1,110,557     | 2,103,048.0             | 1,753,040               | 65,883   | 11,859                    | 63,085         | 1,611,000    | 203        | 8             | 350,000                                 |
| 1990 | 575,385    | 756,208       | 1,331,575.0             | 1,862,503               | 95,511   | 13,930                    | 56,472         | 1,755,400    | 190        | 8             | -650,936                                |
| 1991 | 724,969    | 1,647,294     | 2,372,263.0             | 2,244,499               | 53,875   | 13,076                    | 67,328         | 2,110,000    | 220        | 0             | 127,764                                 |
| 1992 | 593,540    | 2,253,951     | 2,847,491.0             | 2,624,680               | 143,528  | 9,556                     | 80,838         | 2,360,000    | 467        | 3,909         | 218,692                                 |
| 1993 | 457,565    | 2,344,502     | 2,842,068.0             | 2,739,334               | 184,760  | 11,971                    | 82,168         | 2,450,000    | 435        | 8,295         | 94,449                                  |
| 1994 | 522,583    | 2,634,939     | 3,157,522.0             | 2,869,534               | 197,412  | 6,033                     | 90,574         | 2,575,000    | 515        | 127,033       | 160,956                                 |
| 1995 | 189,774    | 2,207,572     | 2,397,346.0             | 2,572,551               | 222,632  | 2,230                     | 77,167         | 2,270,000    | 332        | 86,340        | -253,545                                |
| 1996 | 56,074     | 3,172,504     | 3,228,578.0             | 3,104,588               | 394,450  | 6,467                     | 93,123         | 2,610,000    | 548        | 159,435       | -35,444                                 |
| 1997 | 164,526    | 3,534,232     | 3,719,758.0             | 3,686,263               | 551,886  | 6,198                     | 107,623        | 2,920,000    | 546        | 16,330        | 116,075                                 |
| 1998 | 160,295    | 3,465,513     | 3,635,808.0             | 3,635,449               | nd       | nd                        | nd             | nd           | nd         | 360           | 0                                       |
| 1999 | 132,819    | 4,067,280     | 4,200,099.0             | 4,199,202               | nd       | nd                        | nd             | nd           | nd         | 797           | 0                                       |
| 2000 | 114,479    | nd            | 114,479                 | nd                      | nd       | nd                        | nd             | nd           | nd         | nd            | nd                                      |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

\* El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983; México y FAO, Banco de datos FAOSTAT, FAO, 1999; Soja, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 10.2

México: Balance interno de soya  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 19,737.0   | 20,179.0               | -442.0          |
| 1962 | 56,721.0   | 59,097.0               | -2,376.0        |
| 1963 | 56,258.0   | 57,165.0               | -907.0          |
| 1964 | 60,207.0   | 62,154.0               | -1,947.0        |
| 1965 | 57,875.0   | 60,752.0               | -2,877.0        |
| 1966 | 94,848.0   | 99,883.0               | -5,035.0        |
| 1967 | 131,023.0  | 136,370.0              | -5,347.0        |
| 1968 | 275,162.0  | 287,316.0              | -12,154.0       |
| 1969 | 286,710.0  | 302,295.0              | -15,585.0       |
| 1970 | 214,603.0  | 316,213.0              | -101,610.0      |
| 1971 | 255,878.0  | 324,152.0              | -68,274.0       |
| 1972 | 376,810.0  | 387,573.0              | -10,763.0       |
| 1973 | 585,474.0  | 627,985.0              | -42,511.0       |
| 1974 | 491,084.0  | 675,938.0              | -184,854.0      |
| 1975 | 598,694.0  | 671,158.0              | -72,464.0       |
| 1976 | 302,492.0  | 750,475.0              | -447,983.0      |
| 1977 | 516,275.0  | 791,454.0              | -275,179.0      |
| 1978 | 333,960.0  | 915,443.0              | -581,483.0      |
| 1979 | 707,142.0  | 1,084,951.0            | -377,809.0      |
| 1980 | 322,205.0  | 1,193,941.0            | -871,736.0      |
| 1981 | 711,920.0  | 1,622,280.0            | -910,360.0      |
| 1982 | 672,364.0  | 1,860,083.0            | -1,187,719.0    |
| 1983 | 686,456.0  | 1,675,505.0            | -989,049.0      |
| 1984 | 684,899.0  | 2,255,945.0            | -1,571,046.0    |
| 1985 | 928,616.0  | 2,372,560.0            | -1,443,944.0    |
| 1986 | 708,724.0  | 2,065,316.0            | -1,356,592.0    |
| 1987 | 828,210.0  | 1,860,487.0            | -1,032,277.0    |
| 1988 | 226,305.0  | 1,584,245.0            | -1,357,940.0    |
| 1989 | 992,391.0  | 1,753,040.0            | -760,649.0      |
| 1990 | 575,366.0  | 1,882,503.0            | -1,307,137.0    |
| 1991 | 724,969.0  | 2,244,499.0            | -1,519,530.0    |
| 1992 | 593,540.0  | 2,624,890.0            | -2,031,350.0    |
| 1993 | 497,566.0  | 2,739,334.0            | -2,241,768.0    |
| 1994 | 522,583.0  | 2,869,534.0            | -2,346,951.0    |
| 1995 | 189,774.0  | 2,572,551.0            | -2,382,777.0    |
| 1996 | 56,074.0   | 3,104,588.0            | -3,048,514.0    |
| 1997 | 184,526.0  | 3,586,353.0            | -3,401,827.0    |
| 1998 | 150,296.0  | 3,635,449.0            | -3,485,153.0    |
| 1999 | 132,819.0  | 4,199,302.0            | -4,066,483.0    |
| 2000 | 114,479.0  | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 10.3

México: Rendimiento de soya por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 9,943                              | 19,737.0                  | 1.9850                              |
| 1962 | 27,326                             | 56,721.0                  | 2.0757                              |
| 1963 | 27,426                             | 56,258.0                  | 2.0513                              |
| 1964 | 30,629                             | 60,207.0                  | 1.9657                              |
| 1965 | 27,446                             | 57,875.0                  | 2.1087                              |
| 1966 | 54,243                             | 94,848.0                  | 1.7486                              |
| 1967 | 69,881                             | 131,023.0                 | 1.8749                              |
| 1968 | 132,982                            | 275,162.0                 | 2.0692                              |
| 1969 | 163,186                            | 286,710.0                 | 1.7570                              |
| 1970 | 111,754                            | 214,603.0                 | 1.9203                              |
| 1971 | 128,918                            | 255,878.0                 | 1.9848                              |
| 1972 | 221,639                            | 376,810.0                 | 1.7001                              |
| 1973 | 311,895                            | 585,474.0                 | 1.8772                              |
| 1974 | 300,118                            | 491,084.0                 | 1.6363                              |
| 1975 | 344,450                            | 598,694.0                 | 1.7381                              |
| 1976 | 172,379                            | 302,492.0                 | 1.7548                              |
| 1977 | 314,276                            | 516,275.0                 | 1.6427                              |
| 1978 | 216,514                            | 333,960.0                 | 1.5424                              |
| 1979 | 379,467                            | 707,142.0                 | 1.8635                              |
| 1980 | 154,037                            | 322,205.0                 | 2.0917                              |
| 1981 | 361,778                            | 711,920.0                 | 1.9678                              |
| 1982 | 375,297                            | 672,364.0                 | 1.7916                              |
| 1983 | 391,133                            | 686,456.0                 | 1.7550                              |
| 1984 | 388,696                            | 684,899.0                 | 1.7620                              |
| 1985 | 476,084                            | 928,616.0                 | 1.9505                              |
| 1986 | 380,553                            | 708,724.0                 | 1.8624                              |
| 1987 | 470,695                            | 828,210.0                 | 1.7595                              |
| 1988 | 139,186                            | 226,305.0                 | 1.6259                              |
| 1989 | 490,125                            | 992,391.0                 | 2.0248                              |
| 1990 | 285,615                            | 575,366.0                 | 2.0145                              |
| 1991 | 341,679                            | 724,969.0                 | 2.1218                              |
| 1992 | 322,793                            | 593,540.0                 | 1.8388                              |
| 1993 | 237,765                            | 497,566.0                 | 2.0927                              |
| 1994 | 288,499                            | 522,583.0                 | 1.8114                              |
| 1995 | 134,396                            | 189,774.0                 | 1.4121                              |
| 1996 | 49,064                             | 56,074.0                  | 1.1429                              |
| 1997 | 122,548                            | 184,526.0                 | 1.5057                              |
| 1998 | 94,100                             | 150,296.0                 | 1.5972                              |
| 1999 | 81,200                             | 132,819.0                 | 1.6357                              |
| 2000 | 70,300                             | 114,479.0                 | 1.6284                              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 10.4

México: Producción y consumo de soya por habitante  
(ógramos)

| Año  | Población Nacional | Producción /Población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 0.6460                | 0.5572                     | -0.0122                   |
| 1962 | 37,486,139         | 1.5131                | 1.5766                     | -0.0634                   |
| 1963 | 38,800,538         | 1.4499                | 1.4733                     | -0.0234                   |
| 1964 | 40,147,906         | 1.4996                | 1.5481                     | -0.0485                   |
| 1965 | 41,535,828         | 1.3994                | 1.4626                     | -0.0693                   |
| 1966 | 42,956,469         | 2.2081                | 2.3253                     | -0.1172                   |
| 1967 | 44,397,990         | 2.9511                | 3.0715                     | -0.1204                   |
| 1968 | 45,859,533         | 6.0001                | 6.2651                     | -0.2650                   |
| 1969 | 47,337,567         | 6.0667                | 6.3959                     | -0.3292                   |
| 1970 | 48,852,306         | 4.3929                | 6.4728                     | -2.0799                   |
| 1971 | 50,393,091         | 5.0776                | 6.4325                     | -1.3548                   |
| 1972 | 51,948,772         | 7.2535                | 7.4607                     | -0.2072                   |
| 1973 | 53,517,788         | 10.9398               | 11.7341                    | -0.7943                   |
| 1974 | 55,104,832         | 8.9118                | 12.2664                    | -3.3546                   |
| 1975 | 56,687,703         | 10.5813               | 11.8396                    | -1.2583                   |
| 1976 | 58,291,820         | 5.1863                | 12.8744                    | -7.6882                   |
| 1977 | 59,900,617         | 8.6189                | 13.2128                    | -4.5939                   |
| 1978 | 61,527,496         | 5.4279                | 14.8788                    | -9.4509                   |
| 1979 | 63,161,213         | 11.1958               | 17.1775                    | -5.9817                   |
| 1980 | 64,798,572         | 4.9732                | 18.4283                    | -13.4551                  |
| 1981 | 66,425,164         | 10.7176               | 24.4227                    | -13.7050                  |
| 1982 | 68,061,156         | 9.8759                | 27.3216                    | -17.4456                  |
| 1983 | 69,744,148         | 9.8425                | 24.0235                    | -14.1811                  |
| 1984 | 71,421,164         | 9.6896                | 31.5985                    | -21.9089                  |
| 1985 | 73,112,440         | 12.7012               | 32.4508                    | -19.7496                  |
| 1986 | 74,817,783         | 9.4727                | 27.8048                    | -18.3319                  |
| 1987 | 76,536,428         | 10.8211               | 24.3095                    | -13.4884                  |
| 1988 | 78,266,888         | 2.6915                | 20.2416                    | -17.5501                  |
| 1989 | 80,019,134         | 12.4019               | 21.9079                    | -9.5059                   |
| 1990 | 81,781,347         | 7.0354                | 23.0187                    | -15.9833                  |
| 1991 | 83,554,530         | 8.6766                | 26.9627                    | -18.2861                  |
| 1992 | 85,348,102         | 6.9543                | 30.7551                    | -23.8008                  |
| 1993 | 87,117,464         | 5.7114                | 31.4441                    | -25.7327                  |
| 1994 | 88,863,239         | 5.8808                | 32.2916                    | -26.4108                  |
| 1995 | 90,579,718         | 2.0951                | 28.4013                    | -26.3061                  |
| 1996 | 92,228,066         | 0.6080                | 33.8621                    | -33.0541                  |
| 1997 | 93,813,963         | 1.9669                | 38.2283                    | -36.2614                  |
| 1998 | 95,326,450         | 1.5766                | 38.1388                    | -36.5622                  |
| 1999 | 96,714,391         | 1.3733                | 43.4196                    | -42.0463                  |
| 2000 | 97,925,996         | 1.1690                | nd                         | nd                        |

Fuente: Elaborado por el CENP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumo aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

CUADRO 10.5  
México: Oferta y demanda total de soya  
(Porcentaje)

| Año  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+e) | DEMANDA                |          |                           |                |              |            |               |                                        |
|------|------------|---------------|--------------------------------------------|------------------------|----------|---------------------------|----------------|--------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                            | Consumo aparente total | Semillas | Desperdicios <sup>1</sup> | Transformación | Alimentación | Otros usos | Exportaciones | Cambio en las existencias <sup>2</sup> |
|      | (a)        | (b)           |                                            | (d = e+f+g+i)          | (e)      | (f)                       | (g)            | (h)          | (i)        | (j)           | (k)                                    |
| 1961 | 97.81      | 2.19          | 100.00                                     | 100.00                 | 64.80    | 5.42                      | 3.00           | 26.96        | 0.03       | 0.00          | 0.00                                   |
| 1962 | 95.98      | 4.02          | 100.00                                     | 100.00                 | 70.27    | 1.86                      | 3.00           | 24.86        | 0.01       | 0.00          | 0.00                                   |
| 1963 | 98.41      | 1.59          | 100.00                                     | 100.00                 | 71.59    | 2.14                      | 3.00           | 23.26        | 0.01       | 0.00          | 0.00                                   |
| 1964 | 96.87      | 3.13          | 100.00                                     | 100.00                 | 29.99    | 1.77                      | 3.00           | 65.24        | 0.01       | 0.00          | 0.00                                   |
| 1965 | 95.26      | 4.74          | 100.00                                     | 100.00                 | 55.41    | 3.57                      | 3.00           | 38.01        | 0.01       | 0.00          | 0.00                                   |
| 1966 | 94.96      | 5.04          | 100.00                                     | 100.00                 | 52.83    | 2.80                      | 3.00           | 41.37        | 0.01       | 0.00          | 0.00                                   |
| 1967 | 96.08      | 3.92          | 100.00                                     | 100.00                 | 48.36    | 3.90                      | 3.00           | 44.73        | 0.01       | 0.00          | 0.00                                   |
| 1968 | 95.77      | 4.23          | 100.00                                     | 100.00                 | 60.81    | 2.27                      | 3.00           | 33.92        | 0.00       | 0.00          | 0.00                                   |
| 1969 | 94.84      | 5.16          | 100.00                                     | 100.00                 | 55.61    | 1.48                      | 3.00           | 39.91        | 0.00       | 0.00          | 0.00                                   |
| 1970 | 67.87      | 32.13         | 100.00                                     | 100.00                 | 20.35    | 1.63                      | 3.00           | 75.01        | 0.00       | 0.00          | 0.00                                   |
| 1971 | 78.94      | 21.06         | 100.00                                     | 100.00                 | 27.83    | 2.74                      | 3.00           | 66.43        | 0.00       | 0.00          | 0.00                                   |
| 1972 | 97.22      | 2.78          | 100.00                                     | 100.00                 | 22.39    | 3.22                      | 3.00           | 71.38        | 0.01       | 0.00          | 0.00                                   |
| 1973 | 93.23      | 6.77          | 100.00                                     | 100.00                 | 19.44    | 1.91                      | 3.00           | 75.64        | 0.01       | 0.00          | 0.00                                   |
| 1974 | 53.04      | 46.96         | 100.00                                     | 73.00                  | 14.84    | 2.04                      | 4.11           | 79.00        | 0.01       | 0.00          | 27.00                                  |
| 1975 | 56.38      | 43.62         | 100.00                                     | 108.05                 | 12.47    | 1.03                      | 3.00           | 83.44        | 0.06       | 0.00          | -8.05                                  |
| 1976 | 46.50      | 53.50         | 100.00                                     | 115.37                 | 4.71     | 1.68                      | 3.00           | 90.61        | 0.01       | 0.00          | -15.37                                 |
| 1977 | 49.57      | 50.43         | 100.00                                     | 76.00                  | 3.97     | 1.09                      | 3.95           | 90.97        | 0.01       | 0.00          | 24.00                                  |
| 1978 | 32.89      | 67.11         | 100.00                                     | 90.15                  | 5.92     | 1.71                      | 3.33           | 89.03        | 0.01       | 0.00          | 9.85                                   |
| 1979 | 55.03      | 44.97         | 100.00                                     | 84.44                  | 3.69     | 0.59                      | 3.55           | 92.17        | 0.00       | 0.00          | 15.56                                  |
| 1980 | 38.18      | 61.82         | 100.00                                     | 141.47                 | 3.58     | 1.27                      | 3.00           | 92.13        | 0.02       | 0.00          | -41.47                                 |
| 1981 | 39.07      | 60.93         | 100.00                                     | 89.02                  | 4.17     | 1.04                      | 3.37           | 91.41        | 0.01       | 0.00          | 10.98                                  |
| 1982 | 49.43      | 50.57         | 100.00                                     | 136.76                 | 3.63     | 0.89                      | 3.00           | 92.47        | 0.01       | 0.00          | -36.76                                 |
| 1983 | 40.97      | 59.03         | 100.00                                     | 100.00                 | 9.44     | 1.02                      | 3.00           | 86.54        | 0.00       | 0.00          | 0.00                                   |
| 1984 | 22.41      | 77.59         | 100.00                                     | 73.82                  | 14.96    | 0.90                      | 4.06           | 80.06        | 0.00       | 0.00          | 26.18                                  |
| 1985 | 38.33      | 61.67         | 100.00                                     | 97.94                  | 10.64    | 0.68                      | 3.05           | 85.60        | 0.01       | 0.00          | 2.06                                   |
| 1986 | 46.16      | 53.84         | 100.00                                     | 134.52                 | 7.03     | 0.96                      | 3.00           | 89.00        | 0.00       | 0.00          | -34.52                                 |
| 1987 | 43.81      | 56.19         | 100.00                                     | 98.41                  | 4.43     | 0.33                      | 3.05           | 92.18        | 0.01       | 0.01          | 1.59                                   |
| 1988 | 17.09      | 82.91         | 100.00                                     | 119.63                 | 3.33     | 1.28                      | 3.00           | 92.38        | 0.01       | 0.00          | -19.63                                 |
| 1989 | 47.19      | 52.81         | 100.00                                     | 83.36                  | 3.62     | 0.68                      | 3.60           | 91.90        | 0.01       | 0.00          | 16.64                                  |
| 1990 | 43.21      | 56.79         | 100.00                                     | 141.37                 | 3.00     | 0.74                      | 3.00           | 93.25        | 0.01       | 0.00          | -41.37                                 |
| 1991 | 30.56      | 69.44         | 100.00                                     | 94.61                  | 2.40     | 0.58                      | 3.00           | 94.01        | 0.01       | 0.00          | 5.39                                   |
| 1992 | 20.84      | 79.16         | 100.00                                     | 92.16                  | 5.48     | 0.37                      | 3.08           | 91.05        | 0.02       | 0.14          | 7.68                                   |
| 1993 | 17.51      | 82.49         | 100.00                                     | 95.39                  | 6.74     | 0.44                      | 3.00           | 89.80        | 0.02       | 0.29          | 3.32                                   |
| 1994 | 16.55      | 83.45         | 100.00                                     | 90.88                  | 6.88     | 0.21                      | 3.16           | 89.74        | 0.02       | 4.02          | 5.10                                   |
| 1995 | 7.92       | 92.08         | 100.00                                     | 107.31                 | 8.66     | 0.09                      | 3.00           | 89.24        | 0.01       | 3.68          | -10.99                                 |
| 1996 | 1.74       | 98.26         | 100.00                                     | 96.16                  | 12.71    | 0.21                      | 3.00           | 84.07        | 0.02       | 4.94          | -1.10                                  |
| 1997 | 4.96       | 95.04         | 100.00                                     | 96.44                  | 15.39    | 0.17                      | 3.00           | 81.42        | 0.02       | 0.44          | 3.12                                   |
| 1998 | 4.13       | 95.87         | 100.00                                     | 99.99                  | nd       | nd                        | nd             | nd           | nd         | 0.01          | 0.00                                   |
| 1999 | 3.16       | 96.84         | 100.00                                     | 99.98                  | nd       | nd                        | nd             | nd           | nd         | 0.02          | 0.00                                   |
| 2000 | nd         | nd            | 100.00                                     | nd                     | nd       | nd                        | nd             | nd           | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.

2 El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumo aparente de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 10.6

### México: Superficie cosechada y producción por modalidad de soya

(Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 100                       | nd       | 100   | 100                       | nd       | 100   |
| 1971 | 81                        | 19       | 100   | 83                        | 17       | 100   |
| 1972 | 81                        | 19       | 100   | 92                        | 8        | 100   |
| 1973 | 82                        | 18       | 100   | 94                        | 6        | 100   |
| 1974 | 100                       | nd       | 100   | 100                       | nd       | 100   |
| 1975 | 70                        | 30       | 100   | 89                        | 11       | 100   |
| 1976 | 59                        | 41       | 100   | 75                        | 25       | 100   |
| 1977 | 68                        | 32       | 100   | 84                        | 16       | 100   |
| 1978 | 65                        | 35       | 100   | 81                        | 19       | 100   |
| 1979 | 81                        | 19       | 100   | 90                        | 10       | 100   |
| 1980 | 89                        | 11       | 100   | 93                        | 7        | 100   |
| 1981 | 84                        | 16       | 100   | 89                        | 11       | 100   |
| 1982 | 94                        | 6        | 100   | 96                        | 4        | 100   |
| 1983 | 85                        | 15       | 100   | 86                        | 14       | 100   |
| 1984 | 80                        | 20       | 100   | 84                        | 16       | 100   |
| 1985 | 87                        | 13       | 100   | 92                        | 8        | 100   |
| 1986 | 79                        | 21       | 100   | 85                        | 15       | 100   |
| 1987 | 84                        | 16       | 100   | 88                        | 12       | 100   |
| 1988 | 41                        | 59       | 100   | 49                        | 51       | 100   |
| 1989 | 84                        | 16       | 100   | 90                        | 10       | 100   |
| 1990 | 80                        | 20       | 100   | 83                        | 17       | 100   |
| 1991 | 84                        | 16       | 100   | 90                        | 10       | 100   |
| 1992 | 83                        | 17       | 100   | 90                        | 10       | 100   |
| 1993 | 83                        | 17       | 100   | 86                        | 14       | 100   |
| 1994 | 80                        | 20       | 100   | 78                        | 22       | 100   |
| 1995 | 60                        | 40       | 100   | 68                        | 32       | 100   |
| 1996 | 17                        | 83       | 100   | 18                        | 82       | 100   |
| 1997 | 48                        | 52       | 100   | 63                        | 37       | 100   |
| 1998 | 59                        | 41       | 100   | 60                        | 40       | 100   |
| 1999 | 25                        | 75       | 100   | 24                        | 76       | 100   |
| 2000 | 10                        | 90       | 100   | 12                        | 88       | 100   |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

# SECTOR AGROPECUARIO

## CUADRO 10.7

### México: Superficie cosechada y producción por modalidad de soya

| Año  | Superficie<br>(Hectáreas) |          |         | Producción<br>(Toneladas) |          |         |
|------|---------------------------|----------|---------|---------------------------|----------|---------|
|      | Riego                     | Temporal | Total   | Riego                     | Temporal | Total   |
| 1970 | 111,754                   | nd       | 111,754 | 214,603                   | nd       | 214,603 |
| 1971 | 104,746                   | 24,172   | 128,918 | 212,730                   | 43,148   | 255,878 |
| 1972 | 179,707                   | 41,932   | 221,639 | 346,825                   | 29,985   | 376,810 |
| 1973 | 256,914                   | 54,981   | 311,895 | 549,445                   | 36,029   | 585,474 |
| 1974 | 300,118                   | nd       | 300,118 | 491,084                   | nd       | 491,084 |
| 1975 | 242,317                   | 102,133  | 344,450 | 532,728                   | 65,966   | 598,694 |
| 1976 | 101,223                   | 71,156   | 172,379 | 225,367                   | 77,125   | 302,492 |
| 1977 | 212,186                   | 102,090  | 314,276 | 431,230                   | 85,045   | 516,275 |
| 1978 | 141,682                   | 74,832   | 216,514 | 269,968                   | 63,992   | 333,960 |
| 1979 | 308,380                   | 71,087   | 379,467 | 639,128                   | 68,014   | 707,142 |
| 1980 | 137,033                   | 17,004   | 154,037 | 298,912                   | 23,293   | 322,205 |
| 1981 | 303,948                   | 57,830   | 361,778 | 632,469                   | 79,451   | 711,920 |
| 1982 | 352,185                   | 23,112   | 375,297 | 642,990                   | 29,374   | 672,364 |
| 1983 | 331,505                   | 59,628   | 391,133 | 590,790                   | 95,666   | 686,456 |
| 1984 | 310,924                   | 77,772   | 388,696 | 575,983                   | 108,916  | 684,899 |
| 1985 | 416,444                   | 59,640   | 476,084 | 852,172                   | 76,444   | 928,616 |
| 1986 | 300,415                   | 80,138   | 380,553 | 601,511                   | 107,213  | 708,724 |
| 1987 | 393,186                   | 77,509   | 470,695 | 732,340                   | 95,870   | 828,210 |
| 1988 | 56,827                    | 82,359   | 139,186 | 111,570                   | 114,735  | 226,305 |
| 1989 | 410,187                   | 79,938   | 490,125 | 893,099                   | 99,292   | 992,391 |
| 1990 | 227,863                   | 57,752   | 285,615 | 478,487                   | 96,879   | 575,366 |
| 1991 | 286,666                   | 55,013   | 341,679 | 649,347                   | 75,622   | 724,969 |
| 1992 | 268,253                   | 54,540   | 322,793 | 532,368                   | 61,172   | 593,540 |
| 1993 | 197,805                   | 39,960   | 237,765 | 426,966                   | 70,600   | 497,566 |
| 1994 | 231,128                   | 57,371   | 288,499 | 406,587                   | 115,996  | 522,583 |
| 1995 | 81,194                    | 53,202   | 134,396 | 129,120                   | 60,654   | 189,774 |
| 1996 | 8,444                     | 40,620   | 49,064  | 10,112                    | 45,962   | 56,074  |
| 1997 | 59,310                    | 63,238   | 122,548 | 117,080                   | 67,446   | 184,526 |
| 1998 | 55,232                    | 38,868   | 94,100  | 89,556                    | 60,740   | 150,296 |
| 1999 | 19,977                    | 61,180   | 81,200  | 31,914                    | 100,905  | 132,819 |
| 2000 | 7,363                     | 62,982   | 70,300  | 13,373                    | 101,106  | 114,479 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 10.8  
**México: Rendimientos, producción entre superficie cosechada de soya**  
(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 1,920.32 | 1,920.32 | nd       |
| 1971 | 1,984.81 | 2,030.91 | 1,785.03 |
| 1972 | 1,700.11 | 1,929.94 | 715.09   |
| 1973 | 1,877.15 | 2,138.64 | 655.30   |
| 1974 | 1,636.30 | 1,636.30 | nd       |
| 1975 | 1,738.12 | 2,198.48 | 645.88   |
| 1976 | 1,754.81 | 2,226.45 | 1,083.89 |
| 1977 | 1,642.74 | 2,032.32 | 833.05   |
| 1978 | 1,542.44 | 1,905.45 | 855.15   |
| 1979 | 1,863.51 | 2,072.54 | 956.76   |
| 1980 | 2,091.74 | 2,181.31 | 1,369.85 |
| 1981 | 1,967.84 | 2,080.85 | 1,373.87 |
| 1982 | 1,791.55 | 1,825.72 | 1,270.94 |
| 1983 | 1,755.04 | 1,782.14 | 1,604.38 |
| 1984 | 1,762.04 | 1,852.49 | 1,400.45 |
| 1985 | 1,950.53 | 2,046.31 | 1,281.76 |
| 1986 | 1,862.35 | 2,002.27 | 1,337.86 |
| 1987 | 1,759.55 | 1,862.58 | 1,236.89 |
| 1988 | 1,625.92 | 1,963.33 | 1,393.11 |
| 1989 | 2,024.77 | 2,177.30 | 1,242.11 |
| 1990 | 2,014.48 | 2,099.89 | 1,677.50 |
| 1991 | 2,121.78 | 2,265.17 | 1,374.62 |
| 1992 | 1,838.76 | 1,984.57 | 1,121.60 |
| 1993 | 2,092.68 | 2,158.52 | 1,766.77 |
| 1994 | 1,811.39 | 1,759.14 | 2,021.86 |
| 1995 | 1,412.05 | 1,590.27 | 1,140.07 |
| 1996 | 1,142.87 | 1,197.54 | 1,131.51 |
| 1997 | 1,505.74 | 1,974.03 | 1,066.54 |
| 1998 | 1,597.19 | 1,621.45 | 1,562.73 |
| 1999 | 1,635.70 | 1,597.54 | 1,649.31 |
| 2000 | 1,628.44 | 1,816.24 | 1,605.32 |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 11.1

México: Oferta y demanda total de trigo  
(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA<br>( c = a+b )<br>( c = d+j-k ) | DEMANDA                |           |          |              |              |            |               | Cambio en las existencias <sup>1</sup> |
|------|------------|---------------|--------------------------------------------------|------------------------|-----------|----------|--------------|--------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                                  | Consumo aparente total | Piensos   | Semillas | Desperdicios | Alimentación | Otros usos | Exportaciones |                                        |
|      | ( a )      | ( b )         |                                                  | ( d = e+f+g+h+i )      | ( e )     | ( f )    | ( g )        | ( h )        | ( i )      | ( j )         |                                        |
| 1961 | 1,401,909  | 6,853         | 1,408,762.0                                      | 1,408,578              | 56,100    | 78,511   | 166,272      | 1,107,695    | 0          | 164           | 0                                      |
| 1962 | 1,455,256  | 24,187        | 1,479,443.0                                      | 1,398,147              | 58,200    | 86,017   | 102,498      | 1,151,432    | 0          | 1,296         | 80,000                                 |
| 1963 | 1,702,989  | 41,077        | 1,744,066.0                                      | 1,491,285              | 68,200    | 85,924   | 114,336      | 1,222,825    | 0          | 72,781        | 180,000                                |
| 1964 | 2,203,066  | 56,638        | 2,259,704.0                                      | 1,633,551              | 88,500    | 90,117   | 134,444      | 1,320,490    | 0          | 576,153       | 50,000                                 |
| 1965 | 2,150,354  | 11,362        | 2,161,716.0                                      | 1,636,610              | 91,500    | 76,733   | 114,845      | 1,353,532    | 0          | 685,106       | -160,000                               |
| 1966 | 1,647,368  | 984           | 1,648,352.0                                      | 1,730,367              | 88,700    | 81,729   | 86,319       | 1,473,619    | 0          | 47,985        | -130,000                               |
| 1967 | 2,122,389  | 1,257         | 2,123,646.0                                      | 1,864,415              | 114,000   | 83,018   | 114,500      | 1,552,897    | 0          | 279,231       | -20,000                                |
| 1968 | 2,080,725  | 1,482         | 2,082,207.0                                      | 2,078,969              | 8,700     | 88,334   | 371,995      | 1,609,940    | 0          | 3,238         | 0                                      |
| 1969 | 2,326,055  | 711           | 2,326,766.0                                      | 2,073,529              | 140,000   | 93,048   | 188,182      | 1,652,299    | 0          | 253,237       | 0                                      |
| 1970 | 2,676,451  | 682           | 2,677,133.0                                      | 2,274,977              | 236,000   | 64,489   | 183,339      | 1,791,149    | 0          | 42,156        | 360,000                                |
| 1971 | 1,830,845  | 177,628       | 2,008,473.0                                      | 2,282,288              | 219,000   | 72,100   | 121,826      | 1,869,362    | 0          | 86,185        | -180,000                               |
| 1972 | 1,809,018  | 641,094       | 2,450,112.0                                      | 2,433,060              | 233,000   | 67,248   | 123,015      | 2,009,797    | 0          | 17,052        | 0                                      |
| 1973 | 2,090,845  | 718,956       | 2,809,801.0                                      | 2,795,564              | 272,000   | 81,286   | 209,355      | 2,232,923    | 0          | 14,237        | 0                                      |
| 1974 | 2,788,677  | 976,562       | 3,765,239.0                                      | 3,342,710              | 380,000   | 81,715   | 543,873      | 2,337,122    | 0          | 22,529        | 400,000                                |
| 1975 | 2,798,219  | 87,846        | 2,886,065.0                                      | 2,942,456              | 291,000   | 93,885   | 204,151      | 2,353,420    | 0          | 43,609        | -100,000                               |
| 1976 | 3,363,299  | 1,707         | 3,365,006.0                                      | 3,146,152              | 263,700   | 74,431   | 448,082      | 2,369,939    | 0          | 18,854        | 200,000                                |
| 1977 | 2,455,774  | 476,390       | 2,932,164.0                                      | 3,003,411              | 296,000   | 79,750   | 204,341      | 2,423,320    | 0          | 28,753        | -100,000                               |
| 1978 | 2,784,660  | 506,498       | 3,291,158.0                                      | 3,217,880              | 314,000   | 67,515   | 233,504      | 2,602,861    | 0          | 23,278        | 50,000                                 |
| 1979 | 2,286,525  | 1,149,229     | 3,435,754.0                                      | 3,461,222              | 344,000   | 81,585   | 217,536      | 2,618,101    | 0          | 24,532        | -50,000                                |
| 1980 | 2,784,914  | 824,327       | 3,609,241.0                                      | 3,629,632              | 361,000   | 98,700   | 203,764      | 2,966,168    | 0          | 29,609        | -50,000                                |
| 1981 | 3,189,402  | 1,129,879     | 4,319,281.0                                      | 4,358,402              | 586,000   | 116,130  | 249,197      | 3,407,075    | 0          | 10,879        | -50,000                                |
| 1982 | 4,462,139  | 518,393       | 4,980,532.0                                      | 4,774,174              | 619,000   | 94,500   | 381,479      | 3,679,195    | 0          | 6,358         | 200,000                                |
| 1983 | 3,460,242  | 422,650       | 3,882,892.0                                      | 4,378,975              | 420,000   | 113,295  | 252,815      | 3,592,865    | 0          | 3,917         | -500,000                               |
| 1984 | 4,505,546  | 345,150       | 4,850,696.0                                      | 4,841,355              | 780,000   | 133,770  | 336,715      | 3,590,870    | 0          | 9,341         | 0                                      |
| 1985 | 5,214,315  | 560,721       | 5,775,036.0                                      | 5,562,697              | 1,200,000 | 134,610  | 540,210      | 3,687,877    | 0          | 12,339        | 200,000                                |
| 1986 | 4,769,731  | 224,426       | 4,994,157.0                                      | 5,177,169              | 1,300,000 | 109,305  | 534,521      | 3,233,343    | 0          | 16,988        | -200,000                               |
| 1987 | 4,415,391  | 434,935       | 4,850,326.0                                      | 4,804,934              | 1,000,000 | 101,325  | 525,221      | 3,178,388    | 0          | 45,392        | 0                                      |
| 1988 | 3,664,828  | 1,198,074     | 4,862,902.0                                      | 4,664,971              | 820,000   | 126,599  | 339,767      | 3,378,571    | 34         | 197,931       | 0                                      |
| 1989 | 4,374,739  | 444,041       | 4,818,780.0                                      | 4,553,282              | 665,000   | 100,688  | 308,704      | 3,478,802    | 88         | 265,498       | 0                                      |
| 1990 | 3,930,934  | 351,516       | 4,282,450.0                                      | 4,287,412              | 360,000   | 105,726  | 228,682      | 3,592,821    | 183        | 22,768        | -27,730                                |
| 1991 | 4,060,738  | 432,278       | 4,493,016.0                                      | 4,667,737              | 620,000   | 100,197  | 321,450      | 3,625,637    | 453        | 63,856        | -238,577                               |
| 1992 | 3,620,503  | 1,174,077     | 4,794,580.0                                      | 4,815,743              | 770,000   | 94,428   | 292,589      | 3,658,271    | 455        | 197           | -21,360                                |
| 1993 | 3,582,450  | 1,799,898     | 5,382,348.0                                      | 5,090,578              | 900,000   | 106,973  | 316,965      | 3,766,239    | 401        | 1,948         | 289,822                                |
| 1994 | 4,150,922  | 1,465,066     | 5,615,988.0                                      | 5,220,348              | 800,000   | 101,700  | 193,790      | 4,124,478    | 380        | 97,680        | 297,960                                |
| 1995 | 3,468,217  | 1,243,444     | 4,711,661.0                                      | 4,796,418              | 700,000   | 89,575   | 217,523      | 3,788,955    | 365        | 453,263       | -538,020                               |
| 1996 | 3,375,008  | 1,957,932     | 5,332,940.0                                      | 5,244,264              | 900,000   | 87,793   | 554,891      | 3,700,975    | 605        | 113,801       | -25,125                                |
| 1997 | 3,656,594  | 1,881,265     | 5,537,859.0                                      | 4,998,175              | 816,000   | 82,633   | 457,466      | 3,641,519    | 557        | 412,937       | 126,747                                |
| 1998 | 3,235,080  | 2,448,833     | 5,683,913.0                                      | 5,499,986.0            | nd        | nd       | nd           | nd           | nd         | 183,927       | 0                                      |
| 1999 | 3,049,779  | 2,656,086     | 5,705,865.0                                      | 5,371,952.0            | nd        | nd       | nd           | nd           | nd         | 333,913       | 0                                      |
| 2000 | 3,446,224  | nd            | 3,446,224                                        | nd                     | nd        | nd       | nd           | nd           | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

2 Avance de cosecha a junio del 2000.

<sup>3</sup> El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 11.2

México: Balance interno de trigo

(Toneladas)

| Año  | Producción  | Consumo aparente total | Balance interno |
|------|-------------|------------------------|-----------------|
| 1961 | 1,401,909.0 | 1,408,578.0            | -6,669.0        |
| 1962 | 1,455,256.0 | 1,398,147.0            | 57,109.0        |
| 1963 | 1,702,989.0 | 1,491,285.0            | 211,704.0       |
| 1964 | 2,203,066.0 | 1,633,551.0            | 569,515.0       |
| 1965 | 2,150,354.0 | 1,636,610.0            | 513,744.0       |
| 1966 | 1,647,368.0 | 1,730,367.0            | -82,999.0       |
| 1967 | 2,122,389.0 | 1,864,415.0            | 257,974.0       |
| 1968 | 2,080,725.0 | 2,078,969.0            | 1,756.0         |
| 1969 | 2,326,055.0 | 2,073,529.0            | 252,526.0       |
| 1970 | 2,676,451.0 | 2,274,977.0            | 401,474.0       |
| 1971 | 1,830,845.0 | 2,282,288.0            | -451,443.0      |
| 1972 | 1,809,018.0 | 2,433,060.0            | -624,042.0      |
| 1973 | 2,090,845.0 | 2,795,564.0            | -704,719.0      |
| 1974 | 2,788,677.0 | 3,342,710.0            | -554,033.0      |
| 1975 | 2,798,219.0 | 2,942,456.0            | -144,237.0      |
| 1976 | 3,363,299.0 | 3,146,152.0            | 217,147.0       |
| 1977 | 2,455,774.0 | 3,003,411.0            | -547,637.0      |
| 1978 | 2,784,660.0 | 3,217,880.0            | -433,220.0      |
| 1979 | 2,286,525.0 | 3,461,222.0            | -1,174,697.0    |
| 1980 | 2,784,914.0 | 3,629,632.0            | -844,718.0      |
| 1981 | 3,189,402.0 | 4,358,402.0            | -1,169,000.0    |
| 1982 | 4,462,139.0 | 4,774,174.0            | -312,035.0      |
| 1983 | 3,460,242.0 | 4,378,975.0            | -918,733.0      |
| 1984 | 4,505,546.0 | 4,841,355.0            | -335,809.0      |
| 1985 | 5,214,315.0 | 5,562,697.0            | -348,382.0      |
| 1986 | 4,769,731.0 | 5,177,169.0            | -407,438.0      |
| 1987 | 4,415,391.0 | 4,804,934.0            | -389,543.0      |
| 1988 | 3,664,828.0 | 4,664,971.0            | -1,000,143.0    |
| 1989 | 4,374,739.0 | 4,553,282.0            | -178,543.0      |
| 1990 | 3,930,934.0 | 4,287,412.0            | -356,478.0      |
| 1991 | 4,060,738.0 | 4,667,737.0            | -606,999.0      |
| 1992 | 3,620,503.0 | 4,815,743.0            | -1,195,240.0    |
| 1993 | 3,582,450.0 | 5,090,578.0            | -1,508,128.0    |
| 1994 | 4,150,922.0 | 5,220,348.0            | -1,069,426.0    |
| 1995 | 3,468,217.0 | 4,796,418.0            | -1,328,201.0    |
| 1996 | 3,375,008.0 | 5,244,264.0            | -1,869,256.0    |
| 1997 | 3,656,594.0 | 4,998,175.0            | -1,341,581.0    |
| 1998 | 3,235,080.0 | 5,499,986.0            | -2,264,906.0    |
| 1999 | 3,049,779.0 | 5,371,952.0            | -2,322,173.0    |
| 2000 | 3,446,224.0 | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 11.3

México: Rendimiento de trigo por hectárea

| Año  | Superficie cosechada<br>(Hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas/Hectárea) |
|------|------------------------------------|---------------------------|-------------------------------------|
| 1961 | 836,538                            | 1,401,909.0               | 1.6758                              |
| 1962 | 747,728                            | 1,455,256.0               | 1.9462                              |
| 1963 | 819,210                            | 1,702,989.0               | 2.0788                              |
| 1964 | 818,325                            | 2,203,066.0               | 2.6922                              |
| 1965 | 858,259                            | 2,150,354.0               | 2.5055                              |
| 1966 | 730,793                            | 1,647,368.0               | 2.2542                              |
| 1967 | 778,374                            | 2,122,389.0               | 2.7267                              |
| 1968 | 790,646                            | 2,080,725.0               | 2.6317                              |
| 1969 | 841,279                            | 2,326,055.0               | 2.7649                              |
| 1970 | 886,169                            | 2,676,451.0               | 3.0202                              |
| 1971 | 614,180                            | 1,830,845.0               | 2.9810                              |
| 1972 | 686,665                            | 1,809,018.0               | 2.6345                              |
| 1973 | 640,456                            | 2,090,845.0               | 3.2646                              |
| 1974 | 774,149                            | 2,788,677.0               | 3.6022                              |
| 1975 | 778,237                            | 2,798,219.0               | 3.5956                              |
| 1976 | 894,140                            | 3,363,299.0               | 3.7615                              |
| 1977 | 708,863                            | 2,455,774.0               | 3.4644                              |
| 1978 | 759,526                            | 2,784,660.0               | 3.6663                              |
| 1979 | 584,226                            | 2,286,525.0               | 3.9138                              |
| 1980 | 723,804                            | 2,784,914.0               | 3.8476                              |
| 1981 | 859,760                            | 3,189,402.0               | 3.7096                              |
| 1982 | 1,008,056                          | 4,462,139.0               | 4.4265                              |
| 1983 | 857,043                            | 3,460,242.0               | 4.0374                              |
| 1984 | 1,033,854                          | 4,505,546.0               | 4.3580                              |
| 1985 | 1,217,082                          | 5,214,315.0               | 4.2843                              |
| 1986 | 1,202,232                          | 4,769,731.0               | 3.9674                              |
| 1987 | 988,097                            | 4,415,391.0               | 4.4686                              |
| 1988 | 912,762                            | 3,664,828.0               | 4.0151                              |
| 1989 | 1,144,176                          | 4,374,739.0               | 3.8235                              |
| 1990 | 932,763                            | 3,930,934.0               | 4.2143                              |
| 1991 | 983,892                            | 4,060,738.0               | 4.1272                              |
| 1992 | 915,882                            | 3,620,503.0               | 3.9530                              |
| 1993 | 877,598                            | 3,582,450.0               | 4.0821                              |
| 1994 | 964,572                            | 4,150,922.0               | 4.3034                              |
| 1995 | 929,331                            | 3,468,217.0               | 3.7320                              |
| 1996 | 809,240                            | 3,375,008.0               | 4.1706                              |
| 1997 | 772,303                            | 3,656,594.0               | 4.7347                              |
| 1998 | 768,800                            | 3,235,080.0               | 4.2080                              |
| 1999 | 638,100                            | 3,049,779.0               | 4.7795                              |
| 2000 | 748,000                            | 3,446,224.0               | 4.6073                              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 11.4

## México: Producción y consumo de trigo por habitante

(Kilogramos)

| Año  | Población Nacional | Producción /Población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 35,214,784         | 38.7110               | 38.8961                    | -0.1842                   |
| 1962 | 37,489,139         | 38.8212               | 37.2977                    | 1.5235                    |
| 1963 | 38,800,538         | 43.8909               | 38.4346                    | 5.4562                    |
| 1964 | 40,147,988         | 54.8736               | 40.6882                    | 14.1854                   |
| 1965 | 41,535,828         | 51.7711               | 39.4024                    | 12.3687                   |
| 1966 | 42,955,489         | 38.3506               | 40.2628                    | -1.9322                   |
| 1967 | 44,397,880         | 47.8038               | 41.9533                    | 5.8505                    |
| 1968 | 45,859,833         | 45.3716               | 45.3333                    | 0.0383                    |
| 1969 | 47,337,557         | 49.1375               | 43.8030                    | 5.3346                    |
| 1970 | 48,852,306         | 54.7866               | 46.5685                    | 8.2181                    |
| 1971 | 50,393,091         | 35.3313               | 45.2897                    | -9.9584                   |
| 1972 | 51,949,772         | 54.8231               | 46.8258                    | -12.0126                  |
| 1973 | 53,517,788         | 39.0682               | 52.2362                    | -13.1679                  |
| 1974 | 55,104,832         | 60.9068               | 60.6909                    | -10.0542                  |
| 1975 | 56,687,703         | 49.3620               | 51.9064                    | -2.5444                   |
| 1976 | 58,291,820         | 67.6976               | 53.9724                    | 3.7252                    |
| 1977 | 59,900,617         | 40.9975               | 50.1399                    | -9.1424                   |
| 1978 | 61,527,485         | 45.2888               | 52.2999                    | -7.0111                   |
| 1979 | 63,161,213         | 56.2014               | 54.7998                    | -18.5864                  |
| 1980 | 64,788,572         | 42.9846               | 55.0227                    | -13.0381                  |
| 1981 | 66,425,164         | 48.0150               | 65.6137                    | -17.5988                  |
| 1982 | 68,081,155         | 65.5415               | 70.1248                    | -4.5833                   |
| 1983 | 69,744,148         | 49.6134               | 62.7863                    | -13.1729                  |
| 1984 | 71,421,164         | 63.0842               | 67.7860                    | -4.7018                   |
| 1985 | 73,112,440         | 71.3191               | 76.0641                    | -4.7450                   |
| 1986 | 74,817,783         | 63.7613               | 69.1970                    | -5.4457                   |
| 1987 | 76,536,438         | 57.6901               | 62.7797                    | -6.0896                   |
| 1988 | 78,285,888         | 46.8248               | 59.6034                    | -12.7786                  |
| 1989 | 80,019,134         | 54.6712               | 56.9024                    | -2.2313                   |
| 1990 | 81,781,347         | 48.0664               | 52.4253                    | -4.3589                   |
| 1991 | 83,554,530         | 48.5999               | 55.8646                    | -7.2647                   |
| 1992 | 85,348,102         | 42.4204               | 56.4247                    | -14.0043                  |
| 1993 | 87,117,464         | 41.1221               | 58.4335                    | -17.3114                  |
| 1994 | 88,853,239         | 45.7114               | 58.7459                    | -12.0345                  |
| 1995 | 90,578,718         | 36.2695               | 52.9530                    | -14.6835                  |
| 1996 | 92,238,065         | 35.5942               | 55.8519                    | -20.2578                  |
| 1997 | 93,813,963         | 38.9771               | 53.2775                    | -14.3004                  |
| 1998 | 95,325,450         | 33.9369               | 57.6953                    | -23.7584                  |
| 1999 | 96,714,391         | 31.5339               | 55.5445                    | -24.0106                  |
| 2000 | 97,925,895         | 35.1922               | nd                         | nd                        |

Fuente: Elaborado por el CENP de la Honorable Cámara de Diputados en base a datos de la SAGI, Consumo aparente de productos agrícolas, SAGI, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 11.5

México: Oferta y demanda total de trigo  
(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA - DEMANDA<br>(c = a+b)<br>(c = d+j+k) | DEMANDA                |        |          |              |              |            |               | Cambio en las existencias <sup>e</sup> |
|------|------------|---------------|----------------------------------------------|------------------------|--------|----------|--------------|--------------|------------|---------------|----------------------------------------|
|      | Producción | Importaciones |                                              | Consumo aparente total | Pienso | Semillas | Desperdicios | Alimentación | Otros usos | Exportaciones |                                        |
|      | (a)        | (b)           |                                              | (d = a+(g+h))          | (e)    | (f)      | (g)          | (h)          | (i)        | (j)           |                                        |
| 1961 | 99.51      | 0.49          | 100.00                                       | 99.99                  | 3.98   | 5.67     | 11.80        | 78.64        | 0.00       | 0.01          | 0.00                                   |
| 1962 | 98.37      | 1.63          | 100.00                                       | 94.50                  | 4.16   | 6.15     | 7.33         | 82.35        | 0.00       | 0.09          | 5.41                                   |
| 1963 | 97.64      | 2.36          | 100.00                                       | 85.51                  | 4.57   | 5.76     | 7.67         | 82.00        | 0.00       | 4.17          | 10.32                                  |
| 1964 | 97.49      | 2.51          | 100.00                                       | 72.29                  | 5.42   | 5.62     | 8.23         | 80.84        | 0.00       | 25.50         | 2.21                                   |
| 1965 | 99.47      | 0.53          | 100.00                                       | 75.71                  | 5.68   | 4.68     | 7.02         | 82.70        | 0.00       | 31.69         | -7.40                                  |
| 1966 | 99.94      | 0.06          | 100.00                                       | 104.98                 | 5.13   | 4.72     | 4.99         | 85.16        | 0.00       | 2.91          | -7.89                                  |
| 1967 | 99.94      | 0.06          | 100.00                                       | 87.79                  | 6.11   | 4.45     | 6.14         | 83.29        | 0.00       | 13.15         | -0.94                                  |
| 1968 | 99.93      | 0.07          | 100.00                                       | 99.84                  | 0.42   | 4.25     | 17.89        | 77.44        | 0.00       | 0.16          | 0.00                                   |
| 1969 | 99.97      | 0.03          | 100.00                                       | 89.12                  | 6.75   | 4.49     | 9.08         | 79.69        | 0.00       | 10.88         | 0.00                                   |
| 1970 | 99.97      | 0.03          | 100.00                                       | 84.98                  | 10.37  | 2.83     | 8.06         | 78.73        | 0.00       | 1.57          | 13.45                                  |
| 1971 | 91.16      | 8.84          | 100.00                                       | 113.63                 | 9.60   | 3.16     | 5.34         | 81.91        | 0.00       | 4.29          | -17.92                                 |
| 1972 | 73.83      | 26.17         | 100.00                                       | 99.30                  | 9.58   | 2.76     | 5.06         | 82.60        | 0.00       | 0.70          | 0.00                                   |
| 1973 | 74.41      | 25.59         | 100.00                                       | 99.49                  | 9.73   | 2.91     | 7.49         | 79.87        | 0.00       | 0.51          | 0.00                                   |
| 1974 | 74.06      | 25.94         | 100.00                                       | 89.78                  | 11.37  | 2.44     | 16.27        | 69.92        | 0.00       | 0.60          | 10.62                                  |
| 1975 | 96.96      | 3.04          | 100.00                                       | 101.95                 | 9.69   | 3.19     | 6.94         | 79.98        | 0.00       | 1.51          | -3.46                                  |
| 1976 | 99.95      | 0.05          | 100.00                                       | 93.50                  | 8.38   | 2.37     | 14.24        | 75.01        | 0.00       | 0.56          | 5.94                                   |
| 1977 | 83.76      | 16.24         | 100.00                                       | 102.43                 | 9.86   | 2.66     | 6.80         | 80.69        | 0.00       | 0.98          | -3.41                                  |
| 1978 | 84.61      | 15.39         | 100.00                                       | 97.77                  | 9.76   | 2.10     | 7.26         | 80.89        | 0.00       | 0.71          | 1.52                                   |
| 1979 | 66.56      | 33.44         | 100.00                                       | 100.74                 | 9.94   | 2.36     | 6.28         | 81.42        | 0.00       | 0.71          | -1.46                                  |
| 1980 | 77.16      | 22.84         | 100.00                                       | 100.56                 | 9.95   | 2.72     | 5.61         | 81.72        | 0.00       | 0.82          | -1.39                                  |
| 1981 | 73.84      | 26.16         | 100.00                                       | 100.91                 | 13.45  | 2.66     | 5.72         | 78.17        | 0.00       | 0.28          | -1.16                                  |
| 1982 | 89.59      | 10.41         | 100.00                                       | 95.86                  | 12.97  | 1.98     | 7.99         | 77.06        | 0.00       | 0.13          | 4.02                                   |
| 1983 | 89.12      | 10.88         | 100.00                                       | 112.78                 | 9.68   | 2.68     | 5.77         | 82.05        | 0.00       | 0.10          | -12.89                                 |
| 1984 | 92.88      | 7.12          | 100.00                                       | 99.81                  | 16.11  | 2.76     | 6.95         | 74.17        | 0.00       | 0.19          | 0.00                                   |
| 1985 | 90.29      | 9.71          | 100.00                                       | 96.32                  | 21.57  | 2.42     | 9.71         | 66.30        | 0.00       | 0.21          | 3.46                                   |
| 1986 | 95.51      | 4.49          | 100.00                                       | 103.66                 | 25.11  | 2.11     | 10.32        | 62.45        | 0.00       | 0.34          | -4.00                                  |
| 1987 | 91.03      | 8.97          | 100.00                                       | 99.06                  | 20.81  | 2.11     | 10.93        | 66.15        | 0.00       | 0.94          | 0.00                                   |
| 1988 | 75.36      | 24.64         | 100.00                                       | 95.93                  | 17.99  | 2.71     | 7.28         | 72.42        | 0.00       | 4.07          | 0.00                                   |
| 1989 | 90.79      | 9.21          | 100.00                                       | 94.49                  | 14.60  | 2.21     | 6.78         | 76.40        | 0.00       | 5.51          | 0.00                                   |
| 1990 | 91.79      | 8.21          | 100.00                                       | 100.12                 | 8.40   | 2.47     | 5.33         | 83.80        | 0.00       | 0.53          | -0.65                                  |
| 1991 | 90.36      | 9.64          | 100.00                                       | 103.89                 | 13.28  | 2.15     | 6.89         | 77.67        | 0.01       | 1.42          | -5.31                                  |
| 1992 | 75.51      | 24.49         | 100.00                                       | 100.44                 | 15.99  | 1.96     | 6.08         | 75.96        | 0.01       | 0.00          | -0.45                                  |
| 1993 | 66.56      | 33.44         | 100.00                                       | 94.58                  | 17.68  | 2.10     | 6.23         | 73.98        | 0.01       | 0.04          | 5.38                                   |
| 1994 | 73.91      | 26.09         | 100.00                                       | 92.96                  | 15.32  | 1.95     | 3.71         | 79.01        | 0.01       | 1.74          | 5.31                                   |
| 1995 | 73.61      | 26.39         | 100.00                                       | 101.80                 | 14.59  | 1.87     | 4.54         | 79.00        | 0.01       | 9.62          | -11.42                                 |
| 1996 | 63.29      | 36.71         | 100.00                                       | 98.34                  | 17.16  | 1.67     | 10.58        | 70.57        | 0.01       | 2.13          | -0.47                                  |
| 1997 | 66.03      | 33.97         | 100.00                                       | 90.25                  | 18.33  | 1.65     | 9.15         | 72.86        | 0.01       | 7.46          | 2.29                                   |
| 1998 | 56.92      | 43.08         | 100.00                                       | 96.76                  | nd     | nd       | nd           | nd           | nd         | 3.24          | 0.00                                   |
| 1999 | 53.45      | 46.55         | 100.00                                       | 94.15                  | nd     | nd       | nd           | nd           | nd         | 5.65          | 0.00                                   |
| 2000 | nd         | nd            | 100.00                                       | nd                     | nd     | nd       | nd           | nd           | nd         | nd            | nd                                     |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.<sup>2</sup> El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 11.6

### México: Superficie cosechada y producción por modalidad de (Porcentaje)

| Año  | Superficie<br>(Hectáreas) |          |       | Producción<br>(Toneladas) |          |       |
|------|---------------------------|----------|-------|---------------------------|----------|-------|
|      | Riego                     | Temporal | Total | Riego                     | Temporal | Total |
| 1970 | 58                        | 42       | 100   | 70                        | 30       | 100   |
| 1971 | 66                        | 34       | 100   | 78                        | 22       | 100   |
| 1972 | 66                        | 34       | 100   | 84                        | 16       | 100   |
| 1973 | 71                        | 29       | 100   | 83                        | 17       | 100   |
| 1974 | 63                        | 37       | 100   | 71                        | 29       | 100   |
| 1975 | 70                        | 30       | 100   | 84                        | 16       | 100   |
| 1976 | 77                        | 23       | 100   | 87                        | 13       | 100   |
| 1977 | 88                        | 12       | 100   | 96                        | 4        | 100   |
| 1978 | 87                        | 13       | 100   | 95                        | 5        | 100   |
| 1979 | 87                        | 13       | 100   | 96                        | 4        | 100   |
| 1980 | 85                        | 15       | 100   | 95                        | 5        | 100   |
| 1981 | 82                        | 18       | 100   | 93                        | 7        | 100   |
| 1982 | 90                        | 10       | 100   | 97                        | 3        | 100   |
| 1983 | 84                        | 16       | 100   | 94                        | 6        | 100   |
| 1984 | 87                        | 13       | 100   | 95                        | 5        | 100   |
| 1985 | 86                        | 14       | 100   | 95                        | 5        | 100   |
| 1986 | 89                        | 11       | 100   | 96                        | 4        | 100   |
| 1987 | 84                        | 16       | 100   | 94                        | 6        | 100   |
| 1988 | 79                        | 21       | 100   | 94                        | 6        | 100   |
| 1989 | 82                        | 18       | 100   | 93                        | 7        | 100   |
| 1990 | 77                        | 23       | 100   | 90                        | 10       | 100   |
| 1991 | 77                        | 23       | 100   | 90                        | 10       | 100   |
| 1992 | 79                        | 21       | 100   | 90                        | 10       | 100   |
| 1993 | 78                        | 22       | 100   | 91                        | 9        | 100   |
| 1994 | 74                        | 26       | 100   | 89                        | 11       | 100   |
| 1995 | 70                        | 30       | 100   | 88                        | 12       | 100   |
| 1996 | 68                        | 32       | 100   | 85                        | 15       | 100   |
| 1997 | 73                        | 27       | 100   | 89                        | 11       | 100   |
| 1998 | 62                        | 38       | 100   | 83                        | 17       | 100   |
| 1999 | 79                        | 21       | 100   | 92                        | 8        | 100   |
| 2000 | 78                        | 22       | 100   | 91                        | 9        | 100   |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

# SECTOR AGROPECUARIO

## CUADRO 11.7

### México: Superficie cosechada y producción por modalidad de trigo

| Año  | Superficie<br>(Hectáreas) |          |           | Producción<br>(Toneladas) |          |           |
|------|---------------------------|----------|-----------|---------------------------|----------|-----------|
|      | Riego                     | Temporal | Total     | Riego                     | Temporal | Total     |
| 1970 | 513,098                   | 373,071  | 886,169   | 1,877,316                 | 799,135  | 2,676,451 |
| 1971 | 405,119                   | 209,061  | 614,180   | 1,421,880                 | 408,965  | 1,830,845 |
| 1972 | 454,778                   | 231,887  | 686,665   | 1,512,015                 | 297,003  | 1,809,018 |
| 1973 | 454,323                   | 186,133  | 640,456   | 1,738,871                 | 351,974  | 2,090,845 |
| 1974 | 490,094                   | 284,055  | 774,149   | 1,970,772                 | 817,905  | 2,788,677 |
| 1975 | 541,165                   | 237,072  | 778,237   | 2,362,185                 | 436,034  | 2,798,219 |
| 1976 | 689,108                   | 205,032  | 894,140   | 2,926,260                 | 437,039  | 3,363,299 |
| 1977 | 624,879                   | 83,984   | 708,863   | 2,352,783                 | 102,991  | 2,455,774 |
| 1978 | 663,586                   | 95,940   | 759,526   | 2,651,676                 | 132,984  | 2,784,660 |
| 1979 | 506,196                   | 78,030   | 584,226   | 2,199,543                 | 86,982   | 2,286,525 |
| 1980 | 615,728                   | 108,076  | 723,804   | 2,639,993                 | 144,921  | 2,784,914 |
| 1981 | 709,275                   | 150,485  | 859,760   | 2,969,068                 | 220,334  | 3,189,402 |
| 1982 | 905,758                   | 102,298  | 1,008,056 | 4,321,618                 | 140,521  | 4,462,139 |
| 1983 | 722,138                   | 134,905  | 857,043   | 3,259,661                 | 200,581  | 3,460,242 |
| 1984 | 898,969                   | 134,885  | 1,033,854 | 4,277,383                 | 228,163  | 4,505,546 |
| 1985 | 1,050,210                 | 166,872  | 1,217,082 | 4,970,941                 | 243,374  | 5,214,315 |
| 1986 | 1,070,683                 | 131,549  | 1,202,232 | 4,585,090                 | 184,641  | 4,769,731 |
| 1987 | 829,189                   | 158,908  | 988,097   | 4,154,719                 | 260,672  | 4,415,391 |
| 1988 | 718,439                   | 194,323  | 912,762   | 3,441,141                 | 223,687  | 3,664,828 |
| 1989 | 937,164                   | 207,012  | 1,144,176 | 4,064,791                 | 309,948  | 4,374,739 |
| 1990 | 721,134                   | 211,629  | 932,763   | 3,531,744                 | 399,190  | 3,930,934 |
| 1991 | 759,014                   | 224,878  | 983,892   | 3,670,605                 | 390,133  | 4,060,738 |
| 1992 | 727,091                   | 188,791  | 915,882   | 3,255,635                 | 364,868  | 3,620,503 |
| 1993 | 681,031                   | 196,567  | 877,598   | 3,266,761                 | 315,689  | 3,582,450 |
| 1994 | 713,950                   | 250,622  | 964,572   | 3,704,265                 | 446,657  | 4,150,922 |
| 1995 | 651,938                   | 277,393  | 929,331   | 3,047,593                 | 420,624  | 3,468,217 |
| 1996 | 552,505                   | 256,735  | 809,240   | 2,884,920                 | 490,088  | 3,375,008 |
| 1997 | 561,590                   | 210,713  | 772,303   | 3,267,262                 | 389,332  | 3,656,594 |
| 1998 | 476,755                   | 292,045  | 768,800   | 2,678,885                 | 556,195  | 3,235,080 |
| 1999 | 506,923                   | 131,214  | 638,100   | 2,808,156                 | 241,623  | 3,049,779 |
| 2000 | 580,943                   | 168,403  | 748,000   | 3,145,519                 | 300,705  | 3,446,224 |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 11.8

### México: Rendimientos, producción entre superficie cosechada de trigo

(kilogramos por hectárea)

| Año  | Total    | Riego    | Temporal |
|------|----------|----------|----------|
| 1970 | 3,020.25 | 3,658.79 | 2,142.04 |
| 1971 | 2,980.96 | 3,509.78 | 1,956.20 |
| 1972 | 2,634.50 | 3,324.73 | 1,280.81 |
| 1973 | 3,264.62 | 3,827.39 | 1,890.99 |
| 1974 | 3,602.25 | 4,021.21 | 2,879.39 |
| 1975 | 3,595.59 | 4,365.00 | 1,839.25 |
| 1976 | 3,761.49 | 4,246.45 | 2,131.56 |
| 1977 | 3,464.38 | 3,765.18 | 1,226.31 |
| 1978 | 3,666.31 | 3,995.98 | 1,386.11 |
| 1979 | 3,913.77 | 4,345.24 | 1,114.72 |
| 1980 | 3,847.61 | 4,287.60 | 1,340.92 |
| 1981 | 3,709.64 | 4,186.06 | 1,464.16 |
| 1982 | 4,426.48 | 4,771.27 | 1,373.64 |
| 1983 | 4,037.42 | 4,513.90 | 1,486.83 |
| 1984 | 4,358.01 | 4,758.10 | 1,691.54 |
| 1985 | 4,284.28 | 4,733.28 | 1,458.45 |
| 1986 | 3,967.40 | 4,282.40 | 1,403.59 |
| 1987 | 4,468.58 | 5,010.58 | 1,640.39 |
| 1988 | 4,015.10 | 4,789.75 | 1,151.11 |
| 1989 | 3,823.48 | 4,337.33 | 1,497.25 |
| 1990 | 4,214.29 | 4,897.49 | 1,886.27 |
| 1991 | 4,127.22 | 4,836.02 | 1,734.87 |
| 1992 | 3,953.02 | 4,477.62 | 1,932.66 |
| 1993 | 4,082.11 | 4,796.79 | 1,606.01 |
| 1994 | 4,303.38 | 5,188.41 | 1,782.19 |
| 1995 | 3,731.95 | 4,674.67 | 1,516.35 |
| 1996 | 4,170.59 | 5,221.53 | 1,908.93 |
| 1997 | 4,734.66 | 5,817.88 | 1,847.69 |
| 1998 | 4,207.96 | 5,619.00 | 1,904.48 |
| 1999 | 4,779.47 | 5,539.61 | 1,841.44 |
| 2000 | 4,607.25 | 5,414.51 | 1,785.63 |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados sobre la base de datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, y SARH, Cultivos Básicos Principales Indicadores, Subsecretaría de Planeación, 1992, México, Noviembre del 2000.

## GANADERIA Y PESCA

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| 15.4 Oferta y demanda total (porcentajes)            | 119 |
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SECTOR AGROPECUARIO

CUADRO 12.1

México: Oferta y demanda de Carne de Aves de Corral  
(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA            | DEMANDA                |              |               |
|------|------------|---------------|-----------------------------|------------------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+ f ) | Consumo aparente total | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                             | ( d = e )              | ( e )        | ( f )         |
| 1961 | 134,860    | 434           | 135,294                     | 135,294                | 135,294      | 0             |
| 1962 | 148,440    | 774           | 149,214                     | 149,214                | 149,214      | 0             |
| 1963 | 155,020    | 534           | 155,554                     | 155,554                | 155,554      | 0             |
| 1964 | 161,600    | 507           | 162,107                     | 162,107                | 162,107      | 0             |
| 1965 | 175,680    | 504           | 176,184                     | 176,184                | 176,184      | 0             |
| 1966 | 182,760    | 519           | 183,279                     | 183,279                | 183,279      | 0             |
| 1967 | 189,990    | 868           | 190,858                     | 190,858                | 190,858      | 0             |
| 1968 | 196,390    | 893           | 197,283                     | 197,283                | 197,283      | 0             |
| 1969 | 204,450    | 594           | 205,044                     | 205,044                | 205,044      | 0             |
| 1970 | 218,900    | 722           | 219,622                     | 219,622                | 219,622      | 0             |
| 1971 | 232,940    | 580           | 233,520                     | 233,520                | 233,520      | 0             |
| 1972 | 244,285    | 2,155         | 246,440                     | 246,440                | 246,440      | 0             |
| 1973 | 271,290    | 1,040         | 272,330                     | 272,330                | 272,330      | 0             |
| 1974 | 295,074    | 1,256         | 296,330                     | 296,330                | 296,330      | 0             |
| 1975 | 309,961    | 717           | 310,678                     | 310,756                | 310,678      | 78            |
| 1976 | 331,811    | 338           | 332,149                     | 332,149                | 332,149      | 0             |
| 1977 | 353,471    | 358           | 353,829                     | 353,872                | 353,829      | 43            |
| 1978 | 380,761    | 531           | 381,292                     | 381,314                | 381,292      | 22            |
| 1979 | 411,762    | 824           | 412,586                     | 412,587                | 412,586      | 1             |
| 1980 | 444,371    | 1,264         | 445,635                     | 445,666                | 445,635      | 31            |
| 1981 | 472,105    | 13,007        | 485,112                     | 485,117                | 485,112      | 5             |
| 1982 | 499,957    | 6,428         | 506,385                     | 506,434                | 506,385      | 49            |
| 1983 | 520,187    | 3,192         | 523,379                     | 523,379                | 523,379      | 0             |
| 1984 | 543,491    | 10,825        | 554,316                     | 554,340                | 554,316      | 24            |
| 1985 | 607,281    | 18,592        | 625,873                     | 625,873                | 625,873      | 0             |
| 1986 | 722,233    | 19,118        | 741,351                     | 741,351                | 741,351      | 0             |
| 1987 | 718,256    | 21,752        | 740,008                     | 740,019                | 740,008      | 11            |
| 1988 | 673,698    | 79,232        | 752,930                     | 752,940                | 752,930      | 10            |
| 1989 | 651,260    | 53,760        | 705,020                     | 707,481                | 705,020      | 2,461         |
| 1990 | 750,427    | 40,803        | 791,230                     | 786,453                | 786,453      | 4,777         |
| 1991 | 857,947    | 63,243        | 921,190                     | 916,028                | 916,028      | 5,162         |
| 1992 | 898,495    | 86,903        | 985,398                     | 981,232                | 981,232      | 4,166         |
| 1993 | 1,040,029  | 106,071       | 1,146,100                   | 1,143,774              | 1,143,774    | 2,326         |
| 1994 | 1,126,008  | 121,798       | 1,247,806                   | 1,247,715              | 1,247,715    | 91            |
| 1995 | 1,283,867  | 113,636       | 1,397,503                   | 1,396,214              | 1,396,214    | 1,289         |
| 1996 | 1,264,366  | 130,067       | 1,394,433                   | 1,392,765              | 1,392,765    | 1,668         |
| 1997 | 1,441,905  | 155,783       | 1,597,688                   | 1,595,306              | 1,595,306    | 2,382         |
| 1998 | 1,598,921  | 175,428       | 1,774,349                   | 1,771,688              | 1,771,688    | 2,661         |
| 1999 | 1,731,538  | 182,444       | 1,913,982                   | 1,910,235              | 1,910,235    | 3,747         |
| 2000 | nd         | nd            | nd                          | nd                     | nd           | nd            |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 12.2

México: Balance interno de carne de aves de corral

(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 134,860    | 135,294                | -434            |
| 1962 | 148,440    | 149,214                | -774            |
| 1963 | 155,020    | 155,554                | -534            |
| 1964 | 161,600    | 162,107                | -507            |
| 1965 | 175,680    | 176,184                | -504            |
| 1966 | 182,760    | 183,279                | -519            |
| 1967 | 189,990    | 190,858                | -868            |
| 1968 | 196,390    | 197,283                | -893            |
| 1969 | 204,450    | 205,044                | -594            |
| 1970 | 218,900    | 219,622                | -722            |
| 1971 | 232,940    | 233,520                | -580            |
| 1972 | 244,285    | 246,440                | -2,155          |
| 1973 | 271,290    | 272,330                | -1,040          |
| 1974 | 295,074    | 296,330                | -1,256          |
| 1975 | 309,961    | 310,756                | -795            |
| 1976 | 331,811    | 332,149                | -338            |
| 1977 | 353,471    | 353,872                | -401            |
| 1978 | 380,761    | 381,314                | -553            |
| 1979 | 411,762    | 412,587                | -825            |
| 1980 | 444,371    | 445,666                | -1,295          |
| 1981 | 472,105    | 485,117                | -13,012         |
| 1982 | 499,957    | 506,434                | -6,477          |
| 1983 | 520,187    | 523,379                | -3,192          |
| 1984 | 543,491    | 554,340                | -10,849         |
| 1985 | 607,281    | 625,873                | -18,592         |
| 1986 | 722,233    | 741,351                | -19,118         |
| 1987 | 718,256    | 740,019                | -21,763         |
| 1988 | 673,698    | 752,930                | -79,232         |
| 1989 | 651,260    | 707,481                | -56,221         |
| 1990 | 750,427    | 786,453                | -36,026         |
| 1991 | 857,947    | 916,028                | -58,081         |
| 1992 | 898,495    | 981,232                | -82,737         |
| 1993 | 1,040,029  | 1,143,774              | -103,745        |
| 1994 | 1,126,008  | 1,247,715              | -121,707        |
| 1995 | 1,283,867  | 1,396,214              | -112,347        |
| 1996 | 1,264,366  | 1,392,765              | -128,399        |
| 1997 | 1,441,905  | 1,595,306              | -153,401        |
| 1998 | 1,598,921  | 1,771,688              | -172,767        |
| 1999 | 1,731,538  | 1,910,235              | -178,697        |
| 2000 | nd         | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

CUADRO 12.3

**México: Producción y consumo de carne de aves de corral**  
(kilogramos)

| Año  | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 3.7239                | 3.7359                     | -0.0120                   |
| 1962 | 37,436,139         | 3.9589                | 3.9805                     | -0.0206                   |
| 1963 | 38,600,536         | 3.9953                | 4.0091                     | -0.0138                   |
| 1964 | 40,147,886         | 4.0251                | 4.0377                     | -0.0126                   |
| 1965 | 41,535,828         | 4.2296                | 4.2417                     | -0.0121                   |
| 1966 | 42,955,469         | 4.2545                | 4.2667                     | -0.0121                   |
| 1967 | 44,397,880         | 4.2793                | 4.2988                     | -0.0196                   |
| 1968 | 45,899,633         | 4.2824                | 4.3019                     | -0.0195                   |
| 1969 | 47,337,667         | 4.3190                | 4.3315                     | -0.0125                   |
| 1970 | 48,852,306         | 4.4809                | 4.4955                     | -0.0148                   |
| 1971 | 50,393,091         | 4.6225                | 4.6340                     | -0.0115                   |
| 1972 | 61,948,772         | 4.7024                | 4.7439                     | -0.0415                   |
| 1973 | 63,517,788         | 5.0692                | 5.0895                     | -0.0194                   |
| 1974 | 65,104,832         | 5.3548                | 5.3776                     | -0.0228                   |
| 1975 | 66,697,703         | 5.4679                | 5.4819                     | -0.0140                   |
| 1976 | 68,291,820         | 5.6822                | 5.6980                     | -0.0058                   |
| 1977 | 69,900,617         | 5.9010                | 5.9077                     | -0.0067                   |
| 1978 | 61,527,486         | 6.1885                | 6.1975                     | -0.0090                   |
| 1979 | 63,161,213         | 6.5192                | 6.5323                     | -0.0131                   |
| 1980 | 64,788,572         | 6.8888                | 6.8788                     | -0.0000                   |
| 1981 | 66,425,164         | 7.1073                | 7.3032                     | -0.1959                   |
| 1982 | 68,081,155         | 7.3435                | 7.4367                     | -0.0931                   |
| 1983 | 69,744,148         | 7.4565                | 7.5043                     | -0.0478                   |
| 1984 | 71,421,164         | 7.6097                | 7.7616                     | -0.1519                   |
| 1985 | 73,112,440         | 8.3061                | 8.5604                     | -0.2543                   |
| 1986 | 74,817,783         | 9.6532                | 9.9088                     | -0.2556                   |
| 1987 | 76,535,428         | 9.3845                | 9.6588                     | -0.2743                   |
| 1988 | 78,266,888         | 8.8077                | 9.6202                     | -1.0123                   |
| 1989 | 80,019,134         | 8.1368                | 8.9414                     | -0.7026                   |
| 1990 | 81,781,347         | 9.1760                | 9.6165                     | -0.4405                   |
| 1991 | 83,554,530         | 10.2691               | 10.9632                    | -0.6941                   |
| 1992 | 85,349,102         | 10.6274               | 11.4968                    | -0.8694                   |
| 1993 | 87,117,464         | 11.9382               | 13.1291                    | -1.1909                   |
| 1994 | 88,883,229         | 12.6712               | 14.0408                    | -1.3696                   |
| 1995 | 90,578,716         | 14.1740               | 15.4144                    | -1.2403                   |
| 1996 | 92,238,066         | 13.7091               | 15.1013                    | -1.3922                   |
| 1997 | 93,813,563         | 15.3698               | 17.0050                    | -1.6352                   |
| 1998 | 95,325,450         | 16.7731               | 18.5855                    | -1.8124                   |
| 1999 | 96,714,391         | 17.9036               | 19.7513                    | -1.8477                   |
| 2000 | 97,925,896         | nd                    | nd                         | nd                        |

Fuente: Elaborado por el CEF de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años; SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1993, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 12.4

## México: Oferta y demanda de Carne de Aves de Corral

(Porcentaje)

| AÑO  | OFERTA            |                      | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+f) | DEMANDA                           |                     |                      |
|------|-------------------|----------------------|--------------------------------------------|-----------------------------------|---------------------|----------------------|
|      | Producción<br>(a) | Importaciones<br>(b) |                                            | Consumo aparente total<br>(d = e) | Alimentación<br>(e) | Exportaciones<br>(f) |
| 1961 | 99.68             | 0.32                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1962 | 99.48             | 0.52                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1963 | 99.66             | 0.34                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1964 | 99.69             | 0.31                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1965 | 99.71             | 0.29                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1966 | 99.72             | 0.28                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1967 | 99.55             | 0.45                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1968 | 99.55             | 0.45                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1969 | 99.71             | 0.29                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1970 | 99.67             | 0.33                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1971 | 99.75             | 0.25                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1972 | 99.13             | 0.87                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1973 | 99.62             | 0.38                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1974 | 99.58             | 0.42                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1975 | 99.77             | 0.23                 | 100.00                                     | 100.00                            | 99.97               | 0.03                 |
| 1976 | 99.90             | 0.10                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1977 | 99.90             | 0.10                 | 100.00                                     | 100.01                            | 99.99               | 0.01                 |
| 1978 | 99.86             | 0.14                 | 100.00                                     | 100.01                            | 99.99               | 0.01                 |
| 1979 | 99.80             | 0.20                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1980 | 99.72             | 0.28                 | 100.00                                     | 100.01                            | 99.99               | 0.01                 |
| 1981 | 97.32             | 2.68                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1982 | 98.73             | 1.27                 | 100.00                                     | 100.01                            | 99.99               | 0.01                 |
| 1983 | 99.39             | 0.61                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1984 | 98.05             | 1.95                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1985 | 97.03             | 2.97                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1986 | 97.42             | 2.58                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1987 | 97.06             | 2.94                 | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1988 | 89.48             | 10.52                | 100.00                                     | 100.00                            | 100.00              | 0.00                 |
| 1989 | 92.37             | 7.63                 | 100.00                                     | 100.35                            | 99.65               | 0.35                 |
| 1990 | 94.84             | 5.16                 | 100.00                                     | 99.40                             | 100.00              | 0.60                 |
| 1991 | 93.13             | 6.87                 | 100.00                                     | 99.44                             | 100.00              | 0.56                 |
| 1992 | 91.18             | 8.82                 | 100.00                                     | 99.56                             | 100.00              | 0.42                 |
| 1993 | 90.75             | 9.25                 | 100.00                                     | 99.60                             | 100.00              | 0.20                 |
| 1994 | 90.24             | 9.76                 | 100.00                                     | 99.99                             | 100.00              | 0.01                 |
| 1995 | 91.87             | 8.13                 | 100.00                                     | 99.91                             | 100.00              | 0.09                 |
| 1996 | 90.67             | 9.33                 | 100.00                                     | 99.66                             | 100.00              | 0.12                 |
| 1997 | 90.25             | 9.75                 | 100.00                                     | 99.65                             | 100.00              | 0.15                 |
| 1998 | 90.11             | 9.89                 | 100.00                                     | 99.85                             | 100.00              | 0.15                 |
| 1999 | 90.47             | 9.53                 | 100.00                                     | 99.60                             | 100.00              | 0.20                 |
| 2000 | nd                | nd                   | 100.00                                     | nd                                | nd                  | nd                   |

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 13.1  
México: Oferta y demanda de Carne de Cerdo  
(Toneladas)

| AÑO  | OFERTA     |               | OFERTA - DEMANDA<br>(c = a+b)<br>(c = d+e) | DEMANDA                |              |               |
|------|------------|---------------|--------------------------------------------|------------------------|--------------|---------------|
|      | Producción | Importaciones |                                            | Consumo aparente total | Alimentación | Exportaciones |
|      | (a)        | (b)           |                                            | (d = e)                | (e)          | (f)           |
| 1961 | 422,000    | 161           | 422,161                                    | 422,161                | 422,161      | 0             |
| 1962 | 422,000    | 242           | 422,242                                    | 422,242                | 422,242      | 0             |
| 1963 | 424,000    | 120           | 424,120                                    | 424,117                | 424,117      | 3             |
| 1964 | 426,000    | 199           | 426,199                                    | 426,193                | 426,193      | 6             |
| 1965 | 428,000    | 95            | 428,095                                    | 428,090                | 428,090      | 4             |
| 1966 | 430,000    | 36            | 430,036                                    | 430,028                | 430,028      | 8             |
| 1967 | 444,000    | 203           | 444,203                                    | 444,182                | 444,182      | 20            |
| 1968 | 446,000    | 147           | 446,147                                    | 446,138                | 446,138      | 9             |
| 1969 | 460,000    | 133           | 460,133                                    | 460,095                | 460,095      | 38            |
| 1970 | 479,000    | 40            | 479,040                                    | 479,036                | 479,036      | 4             |
| 1971 | 503,570    | 58            | 503,628                                    | 503,610                | 503,610      | 18            |
| 1972 | 572,894    | 256           | 573,150                                    | 571,214                | 571,214      | 1,936         |
| 1973 | 641,441    | 266           | 641,707                                    | 641,169                | 641,169      | 538           |
| 1974 | 719,036    | 443           | 719,479                                    | 719,466                | 719,466      | 23            |
| 1975 | 810,019    | 325           | 810,344                                    | 809,954                | 809,954      | 390           |
| 1976 | 909,310    | 121           | 909,431                                    | 907,194                | 907,194      | 2,237         |
| 1977 | 1,009,890  | 126           | 1,010,016                                  | 1,008,469              | 1,008,469    | 1,548         |
| 1978 | 1,034,622  | 95            | 1,034,717                                  | 1,032,699              | 1,032,699    | 1,818         |
| 1979 | 1,168,622  | 533           | 1,167,355                                  | 1,166,771              | 1,166,771    | 584           |
| 1980 | 1,250,800  | 266           | 1,251,066                                  | 1,251,010              | 1,251,010    | 56            |
| 1981 | 1,306,616  | 367           | 1,306,983                                  | 1,306,867              | 1,306,867    | 116           |
| 1982 | 1,365,414  | 208           | 1,365,622                                  | 1,365,622              | 1,365,622    | 0             |
| 1983 | 1,485,682  | 754           | 1,486,436                                  | 1,486,332              | 1,486,332    | 304           |
| 1984 | 1,455,303  | 581           | 1,455,884                                  | 1,455,267              | 1,455,267    | 597           |
| 1985 | 1,293,221  | 1,866         | 1,295,087                                  | 1,295,080              | 1,295,080    | 7             |
| 1986 | 969,259    | 2,166         | 961,415                                    | 960,976                | 960,976      | 438           |
| 1987 | 914,573    | 2,593         | 917,166                                    | 915,720                | 915,720      | 1,446         |
| 1988 | 861,200    | 52,083        | 913,283                                    | 912,409                | 912,409      | 874           |
| 1989 | 726,670    | 70,740        | 797,410                                    | 797,177                | 797,177      | 233           |
| 1990 | 757,351    | 33,159        | 790,510                                    | 789,939                | 789,939      | 511           |
| 1991 | 811,899    | 48,105        | 860,004                                    | 859,346                | 859,346      | 658           |
| 1992 | 819,782    | 58,116        | 877,898                                    | 874,216                | 874,216      | 3,682         |
| 1993 | 821,580    | 49,651        | 871,231                                    | 867,540                | 867,540      | 3,691         |
| 1994 | 872,907    | 78,722        | 952,629                                    | 948,951                | 948,951      | 3,678         |
| 1995 | 921,576    | 29,397        | 950,973                                    | 944,655                | 944,655      | 6,318         |
| 1996 | 910,290    | 30,437        | 940,727                                    | 926,543                | 926,543      | 14,184        |
| 1997 | 939,245    | 47,900        | 987,145                                    | 964,745                | 964,745      | 22,400        |
| 1998 | 960,689    | 91,091        | 1,051,780                                  | 1,030,308              | 1,030,308    | 21,472        |
| 1999 | 992,354    | 114,147       | 1,106,501                                  | 1,093,019              | 1,093,019    | 23,482        |
| 2000 | 1,034,900  | nd            | nd                                         | nd                     | nd           | nd            |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SARN, Anuarios estadísticos, diversos años; SARN, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 13.2  
México: Balance interno de carne de cerdo  
(Toneladas)

|      | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 422,000    | 422,161                | -161            |
| 1962 | 422,000    | 422,242                | -242            |
| 1963 | 424,000    | 424,117                | -117            |
| 1964 | 426,000    | 426,193                | -193            |
| 1965 | 428,000    | 428,080                | -80             |
| 1966 | 430,000    | 430,028                | -28             |
| 1967 | 444,000    | 444,182                | -182            |
| 1968 | 446,000    | 446,138                | -138            |
| 1969 | 460,000    | 460,095                | -95             |
| 1970 | 479,000    | 479,036                | -36             |
| 1971 | 503,570    | 503,610                | -40             |
| 1972 | 572,894    | 571,214                | 1,680           |
| 1973 | 641,441    | 641,169                | 272             |
| 1974 | 719,036    | 719,456                | -420            |
| 1975 | 810,019    | 809,954                | 65              |
| 1976 | 909,310    | 907,194                | 2,116           |
| 1977 | 1,009,890  | 1,008,469              | 1,421           |
| 1978 | 1,084,622  | 1,082,899              | 1,723           |
| 1979 | 1,166,822  | 1,166,771              | 51              |
| 1980 | 1,250,800  | 1,251,010              | -210            |
| 1981 | 1,306,616  | 1,306,867              | -251            |
| 1982 | 1,365,414  | 1,365,622              | -208            |
| 1983 | 1,485,882  | 1,486,332              | -450            |
| 1984 | 1,455,303  | 1,455,287              | 16              |
| 1985 | 1,293,221  | 1,295,080              | -1,859          |
| 1986 | 959,259    | 960,976                | -1,717          |
| 1987 | 914,573    | 915,720                | -1,147          |
| 1988 | 861,200    | 912,409                | -51,209         |
| 1989 | 726,670    | 797,177                | -70,507         |
| 1990 | 757,351    | 789,999                | -32,648         |
| 1991 | 811,899    | 859,346                | -47,447         |
| 1992 | 819,782    | 874,216                | -54,434         |
| 1993 | 821,580    | 867,540                | -45,960         |
| 1994 | 872,907    | 948,951                | -76,044         |
| 1995 | 921,576    | 944,655                | -23,079         |
| 1996 | 910,290    | 926,543                | -16,253         |
| 1997 | 939,245    | 964,745                | -25,500         |
| 1998 | 960,689    | 1,030,308              | -69,619         |
| 1999 | 992,354    | 1,083,019              | -90,665         |
| 2000 | 1,034,900  | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 13.3

México: Producción y consumo de carne de cerdo  
(kilogramos)

|      | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 11.6527               | 11.8571                    | -0.0044                   |
| 1962 | 37,489,139         | 11.2575               | 11.3540                    | -0.0066                   |
| 1963 | 38,800,538         | 10.9277               | 10.9307                    | -0.0030                   |
| 1964 | 40,147,986         | 10.6107               | 10.8156                    | -0.0048                   |
| 1965 | 41,535,628         | 10.3044               | 10.3063                    | -0.0019                   |
| 1966 | 42,955,489         | 10.0104               | 10.0110                    | -0.0007                   |
| 1967 | 44,397,880         | 10.0005               | 10.0046                    | -0.0041                   |
| 1968 | 45,859,633         | 9.7253                | 9.7283                     | -0.0030                   |
| 1969 | 47,337,557         | 9.7174                | 9.7194                     | -0.0020                   |
| 1970 | 48,852,306         | 9.6051                | 9.6058                     | -0.0007                   |
| 1971 | 50,393,091         | 9.5628                | 9.5935                     | -0.0008                   |
| 1972 | 51,948,772         | 11.0281               | 10.9957                    | 0.0323                    |
| 1973 | 53,517,788         | 11.9856               | 11.9805                    | 0.0051                    |
| 1974 | 55,104,832         | 13.0485               | 13.0561                    | -0.0076                   |
| 1975 | 56,687,703         | 14.2891               | 14.2880                    | 0.0011                    |
| 1976 | 58,291,820         | 15.5993               | 15.5630                    | 0.0363                    |
| 1977 | 59,900,617         | 16.8694               | 16.8357                    | 0.0237                    |
| 1978 | 61,527,486         | 17.6293               | 17.6002                    | 0.0290                    |
| 1979 | 63,181,213         | 18.4737               | 18.4729                    | 0.0008                    |
| 1980 | 64,788,572         | 19.3059               | 19.3091                    | -0.0032                   |
| 1981 | 66,425,164         | 19.6705               | 19.6743                    | -0.0038                   |
| 1982 | 68,081,155         | 20.0557               | 20.0587                    | -0.0031                   |
| 1983 | 69,744,148         | 21.3048               | 21.3112                    | -0.0065                   |
| 1984 | 71,421,164         | 20.3764               | 20.3761                    | 0.0002                    |
| 1985 | 73,112,440         | 17.6881               | 17.7135                    | -0.0254                   |
| 1986 | 74,817,783         | 12.8213               | 12.8442                    | -0.0229                   |
| 1987 | 76,538,426         | 11.9495               | 11.9645                    | -0.0150                   |
| 1988 | 78,286,886         | 11.0034               | 11.6577                    | -0.6543                   |
| 1989 | 80,019,134         | 9.0812                | 9.9623                     | -0.8811                   |
| 1990 | 81,781,347         | 9.2607                | 9.6599                     | -0.3992                   |
| 1991 | 83,554,530         | 9.7170                | 10.2849                    | -0.5679                   |
| 1992 | 85,348,102         | 9.6052                | 10.2429                    | -0.6378                   |
| 1993 | 87,117,464         | 9.4307                | 9.9583                     | -0.5276                   |
| 1994 | 88,863,239         | 9.6230                | 10.6788                    | -0.6557                   |
| 1995 | 90,578,718         | 10.1743               | 10.4291                    | -0.2548                   |
| 1996 | 92,228,065         | 9.8700                | 10.0462                    | -0.1762                   |
| 1997 | 93,813,963         | 10.0118               | 10.2336                    | -0.2218                   |
| 1998 | 95,326,450         | 10.0779               | 10.8082                    | -0.7303                   |
| 1999 | 96,714,391         | 10.2607               | 11.1981                    | -0.9375                   |
| 2000 | 97,925,896         | 10.5682               | nd                         | nd                        |

Fuente: Elaborado por el CENEP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años; SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 13.4

México: Oferta y demanda de Carne de Cerdo

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA<br>( c = a+b )<br>( c = d+ f ) | DEMANDA                |              |               |
|------|------------|---------------|-------------------------------------------------|------------------------|--------------|---------------|
|      | Producción | Importaciones |                                                 | Consumo aparente total | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                                                 | ( d = e )              | ( e )        | ( f )         |
| 1961 | 99.96      | 0.04          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1962 | 99.94      | 0.06          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1963 | 99.97      | 0.03          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1964 | 99.95      | 0.05          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1965 | 99.98      | 0.02          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1966 | 99.99      | 0.01          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1967 | 99.95      | 0.05          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1968 | 99.97      | 0.03          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1969 | 99.97      | 0.03          | 100.00                                          | 99.99                  | 100.00       | 0.01          |
| 1970 | 99.99      | 0.01          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1971 | 99.99      | 0.01          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1972 | 99.96      | 0.04          | 100.00                                          | 99.66                  | 100.00       | 0.34          |
| 1973 | 99.96      | 0.04          | 100.00                                          | 99.92                  | 100.00       | 0.08          |
| 1974 | 99.94      | 0.06          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1975 | 99.96      | 0.04          | 100.00                                          | 99.95                  | 100.00       | 0.05          |
| 1976 | 99.99      | 0.01          | 100.00                                          | 99.75                  | 100.00       | 0.25          |
| 1977 | 99.99      | 0.01          | 100.00                                          | 99.85                  | 100.00       | 0.15          |
| 1978 | 99.99      | 0.01          | 100.00                                          | 99.83                  | 100.00       | 0.17          |
| 1979 | 99.95      | 0.05          | 100.00                                          | 99.95                  | 100.00       | 0.05          |
| 1980 | 99.98      | 0.02          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1981 | 99.97      | 0.03          | 100.00                                          | 99.99                  | 100.00       | 0.01          |
| 1982 | 99.98      | 0.02          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1983 | 99.95      | 0.05          | 100.00                                          | 99.98                  | 100.00       | 0.02          |
| 1984 | 99.96      | 0.04          | 100.00                                          | 99.96                  | 100.00       | 0.04          |
| 1985 | 99.86      | 0.14          | 100.00                                          | 100.00                 | 100.00       | 0.00          |
| 1986 | 99.78      | 0.22          | 100.00                                          | 99.95                  | 100.00       | 0.05          |
| 1987 | 99.72      | 0.28          | 100.00                                          | 99.84                  | 100.00       | 0.16          |
| 1988 | 94.30      | 5.70          | 100.00                                          | 99.90                  | 100.00       | 0.10          |
| 1989 | 91.13      | 8.87          | 100.00                                          | 99.97                  | 100.00       | 0.03          |
| 1990 | 95.81      | 4.19          | 100.00                                          | 99.94                  | 100.00       | 0.06          |
| 1991 | 94.41      | 5.59          | 100.00                                          | 99.92                  | 100.00       | 0.08          |
| 1992 | 93.38      | 6.62          | 100.00                                          | 99.58                  | 100.00       | 0.42          |
| 1993 | 94.30      | 5.70          | 100.00                                          | 99.58                  | 100.00       | 0.42          |
| 1994 | 91.63      | 8.37          | 100.00                                          | 99.61                  | 100.00       | 0.39          |
| 1995 | 96.91      | 3.09          | 100.00                                          | 99.34                  | 100.00       | 0.66          |
| 1996 | 96.76      | 3.24          | 100.00                                          | 98.49                  | 100.00       | 1.51          |
| 1997 | 95.15      | 4.85          | 100.00                                          | 97.73                  | 100.00       | 2.27          |
| 1998 | 91.34      | 8.66          | 100.00                                          | 97.96                  | 100.00       | 2.04          |
| 1999 | 89.68      | 10.32         | 100.00                                          | 97.88                  | 100.00       | 2.12          |
| 2000 | nd         | nd            | 100.00                                          | nd                     | nd           | nd            |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 14.1

## México: Oferta y demanda de Carne de Vaca

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA - DEMANDA       |                        | DEMANDA      |               |
|------|------------|---------------|------------------------|------------------------|--------------|---------------|
|      | Producción | Importaciones | (c = a+b)<br>(d = d+f) | Consumo aparente total | Alimentación | Exportaciones |
|      | (a)        | (b)           |                        | (d = e)                | (e)          | (f)           |
| 1961 | 373,000    | 589           | 373,589                | 341,058                | 341,058      | 32,531        |
| 1962 | 441,590    | 573           | 442,133                | 407,185                | 407,185      | 34,947        |
| 1963 | 459,820    | 362           | 460,172                | 418,100                | 418,100      | 42,072        |
| 1964 | 479,740    | 573           | 480,313                | 451,007                | 451,007      | 29,306        |
| 1965 | 489,700    | 322           | 490,022                | 462,403                | 462,403      | 27,619        |
| 1966 | 499,330    | 803           | 500,133                | 465,498                | 465,498      | 34,635        |
| 1967 | 508,950    | 827           | 509,777                | 482,816                | 482,816      | 26,961        |
| 1968 | 518,600    | 441           | 519,041                | 478,253                | 478,253      | 40,788        |
| 1969 | 523,730    | 586           | 524,316                | 480,223                | 480,223      | 44,093        |
| 1970 | 511,129    | 666           | 511,795                | 465,492                | 465,492      | 46,303        |
| 1971 | 496,842    | 548           | 497,390                | 452,979                | 452,979      | 44,411        |
| 1972 | 500,951    | 471           | 501,422                | 449,360                | 449,360      | 52,062        |
| 1973 | 476,679    | 524           | 477,203                | 442,713                | 442,713      | 34,490        |
| 1974 | 491,515    | 486           | 492,000                | 474,496                | 474,496      | 17,504        |
| 1975 | 569,595    | 1,594         | 571,179                | 566,379                | 566,379      | 4,800         |
| 1976 | 677,937    | 1,369         | 679,306                | 658,270                | 658,270      | 21,037        |
| 1977 | 746,808    | 673           | 747,481                | 709,341                | 709,341      | 38,141        |
| 1978 | 732,468    | 963           | 733,431                | 684,505                | 684,505      | 38,925        |
| 1979 | 652,288    | 872           | 653,160                | 634,489                | 634,489      | 18,671        |
| 1980 | 740,755    | 3,381         | 744,136                | 743,339                | 743,339      | 796           |
| 1981 | 696,825    | 9,096         | 844,921                | 843,448                | 843,448      | 1,473         |
| 1982 | 861,940    | 7,579         | 869,519                | 868,904                | 868,904      | 615           |
| 1983 | 944,295    | 4,015         | 948,310                | 946,095                | 946,095      | 2,215         |
| 1984 | 925,020    | 309           | 925,329                | 922,751                | 922,751      | 2,577         |
| 1985 | 906,771    | 10,546        | 917,317                | 905,274                | 905,274      | 2,043         |
| 1986 | 1,247,686  | 792           | 1,248,478              | 1,245,643              | 1,245,643    | 3,005         |
| 1987 | 1,272,589  | 4,747         | 1,277,340              | 1,271,309              | 1,271,309    | 6,031         |
| 1988 | 1,271,000  | 30,250        | 1,301,250              | 1,296,238              | 1,296,238    | 5,012         |
| 1989 | 1,182,780  | 47,531        | 1,230,311              | 1,204,738              | 1,204,738    | 5,573         |
| 1990 | 1,113,919  | 52,794        | 1,166,713              | 1,162,139              | 1,162,139    | 4,574         |
| 1991 | 1,188,687  | 131,640       | 1,320,327              | 1,316,586              | 1,316,586    | 3,741         |
| 1992 | 1,247,195  | 167,388       | 1,414,583              | 1,403,808              | 1,403,808    | 775           |
| 1993 | 1,256,478  | 93,792        | 1,350,270              | 1,349,879              | 1,349,879    | 391           |
| 1994 | 1,354,711  | 118,595       | 1,473,306              | 1,463,033              | 1,463,033    | 273           |
| 1995 | 1,412,336  | 40,397        | 1,452,733              | 1,451,164              | 1,451,164    | 1,569         |
| 1996 | 1,329,547  | 73,310        | 1,402,857              | 1,401,716              | 1,401,716    | 1,541         |
| 1997 | 1,340,071  | 144,100       | 1,484,171              | 1,483,671              | 1,483,671    | 300           |
| 1998 | 1,379,768  | 221,500       | 1,601,268              | 1,600,674              | 1,600,674    | 594           |
| 1999 | 1,401,078  | 257,831       | 1,658,909              | 1,657,879              | 1,657,879    | 1,030         |
| 2000 | 1,414,500  | nd            | nd                     | nd                     | nd           | nd            |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SAG, Anuarios estadísticos, diversos años; SAG, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 14.2  
México: Balance interno de carne de vaca  
(Toneladas)

|      | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 373,000    | 341,058                | 31,942          |
| 1962 | 441,560    | 407,185                | 34,375          |
| 1963 | 459,820    | 418,100                | 41,720          |
| 1964 | 479,740    | 451,007                | 28,733          |
| 1965 | 489,700    | 462,403                | 27,297          |
| 1966 | 499,330    | 465,498                | 33,832          |
| 1967 | 508,950    | 482,816                | 26,134          |
| 1968 | 518,600    | 478,253                | 40,347          |
| 1969 | 523,730    | 480,223                | 43,507          |
| 1970 | 511,129    | 465,492                | 45,637          |
| 1971 | 495,842    | 452,979                | 42,863          |
| 1972 | 500,951    | 449,360                | 51,591          |
| 1973 | 476,679    | 442,713                | 33,966          |
| 1974 | 491,515    | 474,496                | 17,019          |
| 1975 | 569,595    | 566,379                | 3,216           |
| 1976 | 677,937    | 658,270                | 19,667          |
| 1977 | 746,808    | 709,341                | 37,467          |
| 1978 | 732,468    | 694,505                | 37,963          |
| 1979 | 652,288    | 634,489                | 17,799          |
| 1980 | 740,755    | 743,339                | -2,584          |
| 1981 | 835,825    | 843,448                | -7,623          |
| 1982 | 861,940    | 868,904                | -6,964          |
| 1983 | 944,295    | 946,095                | -1,800          |
| 1984 | 925,020    | 922,751                | 2,269           |
| 1985 | 926,771    | 935,274                | -8,503          |
| 1986 | 1,247,856  | 1,245,643              | 2,213           |
| 1987 | 1,272,593  | 1,271,309              | 1,284           |
| 1988 | 1,271,000  | 1,296,238              | -25,238         |
| 1989 | 1,162,780  | 1,204,739              | -41,959         |
| 1990 | 1,113,919  | 1,162,139              | -48,220         |
| 1991 | 1,188,687  | 1,316,586              | -127,899        |
| 1992 | 1,247,195  | 1,403,808              | -156,613        |
| 1993 | 1,256,478  | 1,349,879              | -93,401         |
| 1994 | 1,364,711  | 1,483,033              | -118,322        |
| 1995 | 1,412,336  | 1,451,164              | -38,828         |
| 1996 | 1,329,947  | 1,401,716              | -71,769         |
| 1997 | 1,340,071  | 1,483,871              | -143,800        |
| 1998 | 1,379,768  | 1,600,674              | -220,906        |
| 1999 | 1,401,078  | 1,657,879              | -256,801        |
| 2000 | 1,414,900  | nd                     | nd              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 14.3

México: Producción y consumo de carne de vaca  
(Miles de gramos)

|      | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,764         | 10.2997               | 9.4176                     | 0.8820                    |
| 1962 | 37,496,138         | 11.7793               | 10.8623                    | 0.9170                    |
| 1963 | 38,800,538         | 11.8609               | 10.7756                    | 1.0752                    |
| 1964 | 40,147,966         | 11.9493               | 11.2336                    | 0.7157                    |
| 1965 | 41,535,628         | 11.7888               | 11.1328                    | 0.6572                    |
| 1966 | 42,955,469         | 11.6244               | 10.8368                    | 0.7876                    |
| 1967 | 44,397,880         | 11.4634               | 10.8748                    | 0.5886                    |
| 1968 | 45,859,633         | 11.3064               | 10.4288                    | 0.8796                    |
| 1969 | 47,337,557         | 11.0637               | 10.1447                    | 0.9191                    |
| 1970 | 48,852,306         | 10.4627               | 9.5296                     | 0.9342                    |
| 1971 | 50,393,091         | 9.8396                | 8.9389                     | 0.8906                    |
| 1972 | 51,948,772         | 9.6432                | 8.6901                     | 0.9531                    |
| 1973 | 53,517,788         | 8.9089                | 8.2723                     | 0.6347                    |
| 1974 | 55,104,832         | 8.9196                | 8.6108                     | 0.3088                    |
| 1975 | 56,687,703         | 10.0479               | 9.9912                     | 0.0567                    |
| 1976 | 58,291,820         | 11.6301               | 11.2927                    | 0.3374                    |
| 1977 | 59,900,617         | 12.4675               | 11.8420                    | 0.6255                    |
| 1978 | 61,527,466         | 11.9047               | 11.2877                    | 0.6170                    |
| 1979 | 63,161,213         | 10.3274               | 10.0455                    | 0.2818                    |
| 1980 | 64,798,572         | 11.4394               | 11.4733                    | -0.0339                   |
| 1981 | 66,425,164         | 12.5830               | 12.6977                    | -0.1148                   |
| 1982 | 68,081,155         | 12.6605               | 12.7628                    | -0.1023                   |
| 1983 | 69,744,148         | 13.5394               | 13.5852                    | -0.0258                   |
| 1984 | 71,421,164         | 12.9616               | 12.9199                    | 0.0318                    |
| 1985 | 73,112,440         | 12.6760               | 12.7923                    | -0.1163                   |
| 1986 | 74,817,783         | 16.6786               | 16.6490                    | 0.0296                    |
| 1987 | 76,536,428         | 16.6273               | 16.6105                    | 0.0168                    |
| 1988 | 78,266,888         | 16.2393               | 16.5618                    | -0.3225                   |
| 1989 | 80,019,134         | 14.5313               | 15.0556                    | -0.5244                   |
| 1990 | 81,781,347         | 13.6207               | 14.2103                    | -0.5896                   |
| 1991 | 83,554,530         | 14.2265               | 15.7572                    | -1.5307                   |
| 1992 | 85,348,102         | 14.6130               | 16.4480                    | -1.8350                   |
| 1993 | 87,117,464         | 14.4228               | 15.4949                    | -1.0721                   |
| 1994 | 88,863,239         | 15.3674               | 16.6889                    | -1.3315                   |
| 1995 | 90,578,718         | 15.5924               | 16.0210                    | -0.4287                   |
| 1996 | 92,228,065         | 14.4202               | 15.1984                    | -0.7782                   |
| 1997 | 93,813,963         | 14.2843               | 15.8172                    | -1.5329                   |
| 1998 | 95,326,460         | 14.4741               | 16.7915                    | -2.3174                   |
| 1999 | 96,714,381         | 14.4868               | 17.1420                    | -2.6553                   |
| 2000 | 97,925,686         | 14.4487               | nd                         | nd                        |

Fuente: Elaborado por el CEF de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 14.4

## México: Oferta y demanda de Carne de Vaca

(Porcentaje)

| Año  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+f) | DEMANDA                |              |               |
|------|------------|---------------|--------------------------------------------|------------------------|--------------|---------------|
|      | Producción | Importaciones |                                            | Consumo aparente total | Alimentación | Exportaciones |
|      | (a)        | (b)           |                                            | (d+e)                  | (e)          | (f)           |
| 1961 | 99.94      | 0.16          | 100.00                                     | 91.29                  | 100.00       | 9.71          |
| 1962 | 99.97      | 0.13          | 100.00                                     | 92.10                  | 100.00       | 7.90          |
| 1963 | 99.92      | 0.08          | 100.00                                     | 90.86                  | 100.00       | 9.14          |
| 1964 | 99.99      | 0.12          | 100.00                                     | 93.90                  | 100.00       | 6.10          |
| 1965 | 99.93      | 0.07          | 100.00                                     | 94.36                  | 100.00       | 5.64          |
| 1966 | 99.94      | 0.16          | 100.00                                     | 93.07                  | 100.00       | 6.93          |
| 1967 | 99.99      | 0.12          | 100.00                                     | 94.76                  | 100.00       | 5.25          |
| 1968 | 99.92      | 0.08          | 100.00                                     | 92.14                  | 100.00       | 7.86          |
| 1969 | 99.87      | 0.13          | 100.00                                     | 91.57                  | 100.00       | 8.43          |
| 1970 | 99.93      | 0.17          | 100.00                                     | 90.92                  | 100.00       | 9.08          |
| 1971 | 99.89      | 0.11          | 100.00                                     | 91.25                  | 100.00       | 8.75          |
| 1972 | 99.91      | 0.09          | 100.00                                     | 89.62                  | 100.00       | 10.38         |
| 1973 | 99.99      | 0.11          | 100.00                                     | 92.77                  | 100.00       | 7.23          |
| 1974 | 99.90      | 0.10          | 100.00                                     | 96.44                  | 100.00       | 3.56          |
| 1975 | 99.72      | 0.28          | 100.00                                     | 99.16                  | 100.00       | 0.84          |
| 1976 | 99.90      | 0.20          | 100.00                                     | 96.90                  | 100.00       | 3.10          |
| 1977 | 99.91      | 0.09          | 100.00                                     | 94.90                  | 100.00       | 5.10          |
| 1978 | 99.87      | 0.13          | 100.00                                     | 94.69                  | 100.00       | 5.31          |
| 1979 | 99.97      | 0.13          | 100.00                                     | 97.14                  | 100.00       | 2.86          |
| 1980 | 99.55      | 0.45          | 100.00                                     | 99.89                  | 100.00       | 0.11          |
| 1981 | 98.92      | 1.08          | 100.00                                     | 99.83                  | 100.00       | 0.17          |
| 1982 | 98.13      | 0.87          | 100.00                                     | 99.93                  | 100.00       | 0.07          |
| 1983 | 99.59      | 0.42          | 100.00                                     | 99.77                  | 100.00       | 0.23          |
| 1984 | 99.97      | 0.03          | 100.00                                     | 99.72                  | 100.00       | 0.28          |
| 1985 | 98.97      | 1.13          | 100.00                                     | 99.78                  | 100.00       | 0.22          |
| 1986 | 99.94      | 0.06          | 100.00                                     | 99.76                  | 100.00       | 0.24          |
| 1987 | 99.63      | 0.37          | 100.00                                     | 99.53                  | 100.00       | 0.47          |
| 1988 | 97.69      | 2.32          | 100.00                                     | 99.61                  | 100.00       | 0.39          |
| 1989 | 96.07      | 3.93          | 100.00                                     | 99.54                  | 100.00       | 0.46          |
| 1990 | 95.47      | 4.53          | 100.00                                     | 99.61                  | 100.00       | 0.39          |
| 1991 | 90.03      | 9.97          | 100.00                                     | 99.72                  | 100.00       | 0.28          |
| 1992 | 88.79      | 11.21         | 100.00                                     | 99.94                  | 100.00       | 0.06          |
| 1993 | 93.05      | 6.95          | 100.00                                     | 99.97                  | 100.00       | 0.03          |
| 1994 | 92.00      | 8.00          | 100.00                                     | 99.98                  | 100.00       | 0.02          |
| 1995 | 97.22      | 2.78          | 100.00                                     | 99.89                  | 100.00       | 0.11          |
| 1996 | 94.78      | 5.22          | 100.00                                     | 99.89                  | 100.00       | 0.11          |
| 1997 | 90.29      | 9.71          | 100.00                                     | 99.98                  | 100.00       | 0.02          |
| 1998 | 86.17      | 13.83         | 100.00                                     | 99.96                  | 100.00       | 0.04          |
| 1999 | 84.46      | 15.54         | 100.00                                     | 99.94                  | nd           | 0.06          |
| 2000 | nd         | nd            | 100.00                                     | nd                     | nd           | nd            |

Fuente: Elaborado por el CENSA de la Honorable Cámara de Diputados en base a datos de la SARH, Anuarios estadísticos, diversos años, SARH, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Sola, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 15.1  
México: Oferta y demanda total de huevo  
(Toneladas)

| AÑO  | OFERTA     |               | OFERTA - DEMANDA<br>(c = a+b)<br>(c = d+h) | DEMANDA                |             |                           |              |               |
|------|------------|---------------|--------------------------------------------|------------------------|-------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones |                                            | Consumo aparente total | Inoculación | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | (a)        | (b)           |                                            | (d = e+f+g)            | (e)         | (f)                       | (g)          | (h)           |
| 1961 | 141,224    | 40            | 141,264                                    | 141,263                | 5,950       | 14,126                    | 121,477      | 11            |
| 1962 | 152,000    | 31            | 152,031                                    | 152,031                | 6,080       | 15,203                    | 130,748      | 0             |
| 1963 | 177,000    | 16            | 177,016                                    | 176,926                | 7,050       | 17,702                    | 162,174      | 90            |
| 1964 | 176,000    | 7             | 176,007                                    | 176,005                | 7,040       | 17,601                    | 161,364      | 2             |
| 1965 | 203,000    | 5             | 203,005                                    | 203,004                | 8,120       | 20,300                    | 174,584      | 0             |
| 1966 | 227,000    | 0             | 227,000                                    | 225,828                | 9,080       | 22,700                    | 194,048      | 1,172         |
| 1967 | 274,000    | 22            | 274,022                                    | 274,022                | 10,030      | 27,402                    | 236,590      | 0             |
| 1968 | 275,000    | 28            | 275,028                                    | 275,028                | 10,500      | 27,603                    | 237,525      | 0             |
| 1969 | 308,000    | 5             | 308,005                                    | 309,002                | 11,000      | 30,900                    | 267,102      | 2             |
| 1970 | 342,868    | 4             | 342,872                                    | 342,959                | 12,350      | 34,297                    | 296,312      | 13            |
| 1971 | 349,600    | 18            | 349,618                                    | 348,133                | 14,000      | 34,962                    | 299,171      | 1,485         |
| 1972 | 401,296    | 16            | 401,272                                    | 401,272                | 15,300      | 40,127                    | 345,845      | 0             |
| 1973 | 405,948    | 28            | 405,976                                    | 405,976                | 15,700      | 40,588                    | 349,678      | 0             |
| 1974 | 387,621    | 29            | 387,650                                    | 387,660                | 17,600      | 38,785                    | 331,555      | 0             |
| 1975 | 424,368    | 42            | 424,400                                    | 424,369                | 17,000      | 42,440                    | 364,929      | 31            |
| 1976 | 458,151    | 123           | 458,274                                    | 458,430                | 18,670      | 45,927                    | 389,833      | 844           |
| 1977 | 508,790    | 213           | 508,973                                    | 507,283                | 20,960      | 50,881                    | 435,452      | 1,690         |
| 1978 | 553,707    | 215           | 553,922                                    | 553,807                | 22,560      | 55,375                    | 475,882      | 115           |
| 1979 | 600,583    | 4,150         | 604,733                                    | 604,718                | 26,000      | 60,401                    | 518,317      | 15            |
| 1980 | 644,427    | 2,522         | 646,949                                    | 646,949                | 25,900      | 64,682                    | 556,457      | 0             |
| 1981 | 663,759    | 2,845         | 666,604                                    | 666,604                | 26,700      | 66,667                    | 573,247      | 0             |
| 1982 | 690,310    | 12,237        | 702,547                                    | 702,626                | 29,000      | 70,264                    | 603,362      | 21            |
| 1983 | 715,259    | 1,161         | 716,420                                    | 716,361                | 30,000      | 71,642                    | 614,719      | 59            |
| 1984 | 740,365    | 109           | 740,474                                    | 740,474                | 28,000      | 74,046                    | 638,428      | 0             |
| 1985 | 826,440    | 114           | 826,554                                    | 826,522                | 32,000      | 120,961                   | 710,867      | 1,032         |
| 1986 | 997,602    | 47            | 997,649                                    | 997,567                | 40,000      | 124,230                   | 857,782      | 282           |
| 1987 | 975,029    | 258           | 975,288                                    | 975,229                | 30,000      | 123,827                   | 847,700      | 59            |
| 1988 | 1,090,164  | 10,759        | 1,100,963                                  | 1,100,960              | 30,000      | 115,381                   | 960,866      | 3             |
| 1989 | 1,047,019  | 9,034         | 1,056,113                                  | 1,056,107              | 29,000      | 120,961                   | 921,692      | 6             |
| 1990 | 1,009,795  | 3,906         | 1,013,701                                  | 1,013,700              | 40,000      | 100,546                   | 873,154      | 1             |
| 1991 | 1,141,381  | 11,634        | 1,153,215                                  | 1,153,215              | 42,000      | 118,636                   | 992,579      | 0             |
| 1992 | 1,161,270  | 10,668        | 1,172,159                                  | 1,172,113              | 47,100      | 115,381                   | 1,009,632    | 45            |
| 1993 | 1,239,559  | 9,799         | 1,249,358                                  | 1,249,332              | 54,900      | 120,961                   | 1,067,471    | 26            |
| 1994 | 1,246,223  | 11,748        | 1,257,972                                  | 1,257,910              | 52,200      | 124,230                   | 1,081,480    | 62            |
| 1995 | 1,241,987  | 7,622         | 1,249,609                                  | 1,249,494              | 64,900      | 123,827                   | 1,060,767    | 115           |
| 1996 | 1,256,872  | 9,315         | 1,266,187                                  | 1,265,046              | 70,700      | 124,099                   | 1,050,247    | 141           |
| 1997 | 1,326,935  | 12,373        | 1,341,308                                  | 1,341,171              | 77,000      | 133,860                   | 1,130,311    | 136           |
| 1998 | 1,461,153  | 11,863        | 1,473,036                                  | 1,472,754              | nd          | nd                        | nd           | 282           |
| 1999 | 1,634,934  | 7,803         | 1,642,737                                  | 1,642,385              | nd          | nd                        | nd           | 352           |
| 2000 | 1,749,500  | nd            | 1,749,500                                  | 1,749,500              | nd          | nd                        | nd           | nd            |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumo aparente de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1986, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**

CUADRO 15.2  
**México: Balance interno de huevo**  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 141,224    | 141,253                | -29             |
| 1962 | 152,000    | 152,031                | -31             |
| 1963 | 177,000    | 176,926                | 74              |
| 1964 | 176,000    | 176,005                | -5              |
| 1965 | 203,000    | 203,004                | -4              |
| 1966 | 227,000    | 225,828                | 1,172           |
| 1967 | 274,000    | 274,022                | -22             |
| 1968 | 276,000    | 276,028                | -28             |
| 1969 | 309,000    | 309,002                | -2              |
| 1970 | 342,968    | 342,959                | 9               |
| 1971 | 349,600    | 348,133                | 1,467           |
| 1972 | 401,256    | 401,272                | -16             |
| 1973 | 405,948    | 405,976                | -28             |
| 1974 | 387,821    | 387,850                | -29             |
| 1975 | 424,358    | 424,369                | -11             |
| 1976 | 459,151    | 458,430                | 721             |
| 1977 | 508,760    | 507,283                | 1,477           |
| 1978 | 553,707    | 553,807                | -100            |
| 1979 | 600,583    | 604,718                | -4,135          |
| 1980 | 644,427    | 646,949                | -2,522          |
| 1981 | 663,759    | 666,604                | -2,845          |
| 1982 | 690,310    | 702,626                | -12,316         |
| 1983 | 715,259    | 716,361                | -1,102          |
| 1984 | 740,365    | 740,474                | -109            |
| 1985 | 826,440    | 825,522                | 918             |
| 1986 | 997,802    | 997,567                | 235             |
| 1987 | 975,029    | 975,229                | -200            |
| 1988 | 1,090,164  | 1,100,960              | -10,796         |
| 1989 | 1,047,019  | 1,056,107              | -9,088          |
| 1990 | 1,009,795  | 1,013,700              | -3,905          |
| 1991 | 1,141,381  | 1,153,215              | -11,834         |
| 1992 | 1,161,270  | 1,172,113              | -10,843         |
| 1993 | 1,233,559  | 1,243,332              | -9,773          |
| 1994 | 1,246,223  | 1,257,910              | -11,687         |
| 1995 | 1,241,987  | 1,249,494              | -7,507          |
| 1996 | 1,235,872  | 1,245,046              | -9,174          |
| 1997 | 1,328,935  | 1,341,171              | -12,236         |
| 1998 | 1,461,153  | 1,472,754              | -11,601         |
| 1999 | 1,634,934  | 1,642,385              | -7,451          |
| 2000 | 1,749,500  | 1,749,500              | nd              |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 15.3

México: Producción y consumo de huevo

(Kilogramos)

| Año  | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 3.8996                | 3.9004                     | -0.0008                   |
| 1962 | 37,486,139         | 4.0548                | 4.0557                     | -0.0008                   |
| 1963 | 38,800,538         | 4.5618                | 4.5599                     | 0.0019                    |
| 1964 | 40,147,986         | 4.3838                | 4.3839                     | -0.0001                   |
| 1965 | 41,535,828         | 4.8873                | 4.8874                     | -0.0001                   |
| 1966 | 42,955,469         | 5.2845                | 5.2573                     | 0.0273                    |
| 1967 | 44,397,880         | 6.1715                | 6.1720                     | -0.0005                   |
| 1968 | 45,859,633         | 6.0184                | 6.0190                     | -0.0006                   |
| 1969 | 47,337,557         | 6.5276                | 6.5276                     | 0.0000                    |
| 1970 | 48,852,306         | 7.0205                | 7.0203                     | 0.0002                    |
| 1971 | 50,393,091         | 6.9375                | 6.9083                     | 0.0291                    |
| 1972 | 51,948,772         | 7.7241                | 7.7244                     | -0.0003                   |
| 1973 | 53,517,788         | 7.5853                | 7.5858                     | -0.0005                   |
| 1974 | 55,104,832         | 7.0379                | 7.0384                     | -0.0005                   |
| 1975 | 56,687,703         | 7.4859                | 7.4861                     | -0.0002                   |
| 1976 | 58,291,820         | 7.8768                | 7.8644                     | 0.0124                    |
| 1977 | 59,900,617         | 8.4934                | 8.4687                     | 0.0247                    |
| 1978 | 61,527,486         | 8.9993                | 9.0010                     | -0.0016                   |
| 1979 | 63,161,213         | 9.5087                | 9.5742                     | -0.0655                   |
| 1980 | 64,788,572         | 9.9466                | 9.9855                     | -0.0389                   |
| 1981 | 66,425,164         | 9.9926                | 10.0354                    | -0.0428                   |
| 1982 | 68,081,155         | 10.1395               | 10.3204                    | -0.1809                   |
| 1983 | 69,744,148         | 10.2555               | 10.2713                    | -0.0158                   |
| 1984 | 71,421,164         | 10.3662               | 10.3677                    | -0.0015                   |
| 1985 | 73,112,440         | 11.3037               | 11.2015                    | 0.0126                    |
| 1986 | 74,817,783         | 13.3364               | 13.2745                    | 0.0031                    |
| 1987 | 76,536,428         | 12.7394               | 12.7265                    | -0.0026                   |
| 1988 | 78,266,888         | 13.9288               | 14.0896                    | -0.1379                   |
| 1989 | 80,019,134         | 13.0846               | 13.2544                    | -0.1136                   |
| 1990 | 81,781,347         | 12.3475               | 12.3952                    | -0.0477                   |
| 1991 | 83,554,530         | 13.6603               | 13.8019                    | -0.1416                   |
| 1992 | 85,348,102         | 13.6063               | 13.7333                    | -0.1270                   |
| 1993 | 87,117,464         | 14.1597               | 14.2719                    | -0.1122                   |
| 1994 | 88,863,239         | 14.0241               | 14.1556                    | -0.1315                   |
| 1995 | 90,578,718         | 13.7117               | 13.7946                    | -0.0829                   |
| 1996 | 92,228,065         | 13.4002               | 13.4996                    | -0.0995                   |
| 1997 | 93,813,963         | 14.1656               | 14.2961                    | -0.1304                   |
| 1998 | 95,326,450         | 15.3279               | 15.4496                    | -0.1217                   |
| 1999 | 96,714,391         | 16.9048               | 16.9818                    | -0.0770                   |
| 2000 | 97,925,896         | 17.8656               | nd                         | nd                        |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 15.4  
México: Oferta y demanda total de huevo  
(Porcentaje)

| Año  | OFERTA            |                      | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+h) | DEMANDA                               |                   |                     |                     |                      |
|------|-------------------|----------------------|--------------------------------------------|---------------------------------------|-------------------|---------------------|---------------------|----------------------|
|      | Producción<br>(a) | Importaciones<br>(b) |                                            | Consumo aparente total<br>(d = e+f+g) | Incubación<br>(e) | Desperdicios<br>(f) | Alimentación<br>(g) | Exportaciones<br>(h) |
| 1961 | 99.97             | 0.03                 | 100.00                                     | 99.99                                 | 4.00              | 10.00               | 85.99               | 0.01                 |
| 1962 | 99.98             | 0.02                 | 100.00                                     | 100.00                                | 4.00              | 10.00               | 86.00               | 0.00                 |
| 1963 | 99.99             | 0.01                 | 100.00                                     | 99.95                                 | 3.98              | 10.01               | 85.97               | 0.05                 |
| 1964 | 100.00            | 0.00                 | 100.00                                     | 100.00                                | 4.00              | 10.00               | 86.00               | 0.00                 |
| 1965 | 100.00            | 0.00                 | 100.00                                     | 100.00                                | 4.00              | 10.00               | 86.00               | 0.00                 |
| 1966 | 100.00            | 0.00                 | 100.00                                     | 99.48                                 | 4.02              | 10.05               | 85.49               | 0.52                 |
| 1967 | 99.99             | 0.01                 | 100.00                                     | 100.00                                | 3.66              | 10.00               | 86.34               | 0.00                 |
| 1968 | 99.99             | 0.01                 | 100.00                                     | 100.00                                | 3.80              | 10.00               | 86.20               | 0.00                 |
| 1969 | 100.00            | 0.00                 | 100.00                                     | 100.00                                | 3.56              | 10.00               | 86.44               | 0.00                 |
| 1970 | 100.00            | 0.00                 | 100.00                                     | 100.00                                | 3.60              | 10.00               | 86.40               | 0.00                 |
| 1971 | 99.99             | 0.01                 | 100.00                                     | 99.98                                 | 4.02              | 10.04               | 85.97               | 0.42                 |
| 1972 | 100.00            | 0.00                 | 100.00                                     | 100.00                                | 3.81              | 10.00               | 86.19               | 0.00                 |
| 1973 | 99.99             | 0.01                 | 100.00                                     | 100.00                                | 3.87              | 10.00               | 86.13               | 0.00                 |
| 1974 | 99.99             | 0.01                 | 100.00                                     | 100.00                                | 4.51              | 10.00               | 85.49               | 0.00                 |
| 1975 | 99.99             | 0.01                 | 100.00                                     | 99.99                                 | 4.01              | 10.00               | 85.99               | 0.01                 |
| 1976 | 99.97             | 0.03                 | 100.00                                     | 99.62                                 | 4.07              | 10.02               | 85.75               | 0.18                 |
| 1977 | 99.96             | 0.04                 | 100.00                                     | 99.67                                 | 4.13              | 10.03               | 85.56               | 0.33                 |
| 1978 | 99.96             | 0.04                 | 100.00                                     | 99.96                                 | 4.07              | 10.00               | 85.91               | 0.02                 |
| 1979 | 99.91             | 0.09                 | 100.00                                     | 100.00                                | 4.30              | 9.99                | 85.71               | 0.00                 |
| 1980 | 99.61             | 0.39                 | 100.00                                     | 100.00                                | 3.99              | 10.00               | 86.01               | 0.00                 |
| 1981 | 99.57             | 0.43                 | 100.00                                     | 100.00                                | 4.01              | 10.00               | 86.00               | 0.00                 |
| 1982 | 98.24             | 1.76                 | 100.00                                     | 100.00                                | 4.13              | 10.00               | 85.87               | 0.00                 |
| 1983 | 99.84             | 0.16                 | 100.00                                     | 99.99                                 | 4.19              | 10.00               | 85.80               | 0.01                 |
| 1984 | 99.99             | 0.01                 | 100.00                                     | 100.00                                | 3.78              | 10.00               | 86.22               | 0.00                 |
| 1985 | 99.99             | 0.01                 | 100.00                                     | 99.88                                 | 3.88              | 10.01               | 86.00               | 0.12                 |
| 1986 | 100.00            | 0.00                 | 100.00                                     | 99.97                                 | 4.01              | 10.00               | 85.96               | 0.03                 |
| 1987 | 99.97             | 0.03                 | 100.00                                     | 99.99                                 | 3.08              | 10.00               | 86.92               | 0.01                 |
| 1988 | 99.02             | 0.98                 | 100.00                                     | 100.00                                | 2.72              | 10.00               | 87.28               | 0.00                 |
| 1989 | 99.14             | 0.86                 | 100.00                                     | 100.00                                | 2.75              | 9.98                | 87.27               | 0.00                 |
| 1990 | 99.61             | 0.39                 | 100.00                                     | 100.00                                | 3.95              | 9.92                | 86.14               | 0.00                 |
| 1991 | 98.97             | 1.03                 | 100.00                                     | 100.00                                | 3.64              | 10.29               | 86.07               | 0.00                 |
| 1992 | 99.07             | 0.93                 | 100.00                                     | 100.00                                | 4.02              | 9.84                | 86.13               | 0.00                 |
| 1993 | 99.21             | 0.79                 | 100.00                                     | 100.00                                | 4.42              | 9.73                | 85.85               | 0.00                 |
| 1994 | 99.07             | 0.93                 | 100.00                                     | 100.00                                | 4.15              | 9.66                | 85.97               | 0.00                 |
| 1995 | 99.39             | 0.61                 | 100.00                                     | 99.99                                 | 5.19              | 9.91                | 84.89               | 0.01                 |
| 1996 | 99.25             | 0.75                 | 100.00                                     | 99.99                                 | 5.68              | 9.97                | 84.34               | 0.01                 |
| 1997 | 99.08             | 0.92                 | 100.00                                     | 99.99                                 | 5.74              | 9.98                | 84.27               | 0.01                 |
| 1998 | 99.19             | 0.81                 | 100.00                                     | 99.98                                 | nd                | nd                  | nd                  | 0.02                 |
| 1999 | 99.53             | 0.47                 | 100.00                                     | 99.98                                 | nd                | nd                  | nd                  | 0.02                 |
| 2000 | nd                | nd                   | 100.00                                     | nd                                    | nd                | nd                  | nd                  | nd                   |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos de la SARN, Consumo aparente de productos agrícolas, SARN, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 16.1

México: Oferta y demanda total de Leche Entera  
(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+h) | DEMANDA                |               |                |              |               |
|------|------------|---------------|--------------------------------------------|------------------------|---------------|----------------|--------------|---------------|
|      | Producción | Importaciones |                                            | Consumo aparente total | Desperdicio 1 | Transformación | Alimentación | Exportaciones |
|      | (a)        | (b)           |                                            | (d = e+fg)             | (e)           | (f)            | (g)          | (h)           |
| 1961 | 2,502,000  | 152,687       | 2,654,687                                  | 2,654,687              | 125,101       | 753,000        | 1,776,586    | 30            |
| 1962 | 2,454,000  | 277,395       | 2,731,395                                  | 2,731,395              | 123,202       | 756,000        | 1,820,193    | 0             |
| 1963 | 2,424,475  | 319,648       | 2,744,123                                  | 2,744,123              | 121,235       | 850,000        | 1,772,888    | 0             |
| 1964 | 2,456,687  | 267,898       | 2,724,585                                  | 2,724,585              | 122,836       | 807,980        | 1,793,509    | 300           |
| 1965 | 2,530,798  | 164,600       | 2,695,398                                  | 2,695,286              | 126,540       | 853,620        | 1,715,136    | 100           |
| 1966 | 3,437,000  | 202,992       | 3,639,992                                  | 3,639,172              | 171,890       | 895,000        | 2,571,322    | 1,820         |
| 1967 | 3,646,482  | 290,847       | 3,937,329                                  | 3,937,428              | 182,324       | 952,000        | 2,793,105    | 0             |
| 1968 | 3,740,754  | 256,267       | 3,997,021                                  | 3,997,011              | 187,038       | 966,710        | 2,843,263    | 10            |
| 1969 | 3,930,460  | 313,516       | 4,243,976                                  | 4,243,966              | 196,523       | 1,034,140      | 3,013,303    | 10            |
| 1970 | 4,112,528  | 76,417        | 4,188,945                                  | 4,188,885              | 205,826       | 1,096,000      | 2,885,259    | 61            |
| 1971 | 4,262,700  | 517,797       | 4,800,497                                  | 4,791,519              | 214,135       | 1,129,000      | 3,449,384    | 8,978         |
| 1972 | 5,299,580  | 550,304       | 5,849,884                                  | 5,849,815              | 264,999       | 1,139,680      | 4,445,127    | 79            |
| 1973 | 5,623,930  | 540,939       | 6,164,869                                  | 6,160,374              | 281,239       | 1,165,200      | 4,713,946    | 4,496         |
| 1974 | 5,954,150  | 942,113       | 6,906,263                                  | 6,906,193              | 298,279       | 1,200,440      | 5,407,474    | 70            |
| 1975 | 6,235,710  | 256,873       | 6,492,583                                  | 6,493,365              | 311,842       | 1,281,460      | 4,900,063    | 1,198         |
| 1976 | 6,344,238  | 45,919        | 6,390,157                                  | 6,390,157              | 317,240       | 1,341,600      | 4,731,317    | 0             |
| 1977 | 6,636,120  | 693,221       | 7,329,341                                  | 7,329,151              | 331,822       | 1,327,400      | 5,669,929    | 190           |
| 1978 | 6,978,240  | 632,018       | 7,610,258                                  | 7,610,155              | 348,954       | 1,433,000      | 5,828,191    | 103           |
| 1979 | 7,121,110  | 773,151       | 7,894,261                                  | 7,894,241              | 356,122       | 1,438,000      | 6,100,119    | 20            |
| 1980 | 7,231,690  | 2,532,024     | 9,763,714                                  | 9,763,605              | 361,759       | 1,323,000      | 8,078,846    | 309           |
| 1981 | 7,365,140  | 170,674       | 7,535,814                                  | 7,535,212              | 368,483       | 1,390,000      | 5,776,729    | 802           |
| 1982 | 7,440,860  | 116,480       | 7,557,340                                  | 7,557,273              | 372,202       | 1,455,000      | 5,730,071    | 67            |
| 1983 | 7,275,480  | 1,052,181     | 8,327,661                                  | 8,327,661              | 364,014       | 1,405,000      | 6,558,647    | 0             |
| 1984 | 7,140,525  | 1,130,843     | 8,271,368                                  | 8,271,469              | 357,540       | 1,430,000      | 6,483,929    | 0             |
| 1985 | 7,474,350  | 98,502        | 7,572,852                                  | 7,573,624              | 374,347       | 1,470,000      | 5,729,477    | 26            |
| 1986 | 6,906,323  | 1,717,740     | 8,624,063                                  | 8,624,063              | 345,973       | 1,406,800      | 6,871,290    | 0             |
| 1987 | 6,541,571  | 94,792        | 6,636,363                                  | 6,636,694              | 327,402       | 1,571,000      | 4,638,292    | 69            |
| 1988 | 6,475,598  | 1,484,511     | 7,960,109                                  | 7,959,891              | 324,225       | 1,696,000      | 5,979,666    | 218           |
| 1989 | 5,876,850  | 2,205,139     | 8,081,989                                  | 8,081,505              | 294,663       | 1,615,000      | 6,172,242    | 84            |
| 1990 | 6,141,545  | 2,857,800     | 8,999,345                                  | 8,999,300              | 323,878       | 1,777,000      | 6,898,422    | 45            |
| 1991 | 6,717,115  | 593,622       | 7,310,737                                  | 7,300,533              | 354,708       | 1,803,000      | 5,342,825    | 10,404        |
| 1992 | 6,966,210  | 2,036,570     | 9,002,780                                  | 8,997,906              | 369,117       | 2,047,000      | 6,581,789    | 3,874         |
| 1993 | 7,404,078  | 2,144,485     | 9,548,563                                  | 9,524,688              | 392,321       | 1,910,500      | 7,321,447    | 23,875        |
| 1994 | 7,320,213  | 1,556,482     | 8,876,695                                  | 8,824,745              | 388,554       | 1,891,560      | 6,544,141    | 61,350        |
| 1995 | 7,398,598  | 1,249,576     | 8,648,174                                  | 8,629,168              | 390,193       | 1,852,910      | 6,386,065    | 19,106        |
| 1996 | 7,526,422  | 1,451,845     | 8,978,267                                  | 9,016,015              | 398,393       | 1,862,320      | 6,755,302    | 20,352        |
| 1997 | 7,848,105  | 1,602,481     | 9,450,586                                  | 9,413,539              | 412,762       | 1,930,400      | 7,070,377    | 37,047        |
| 1998 | 9,315,711  | 1,334,551     | 9,650,262                                  | 9,640,920              | nd            | nd             | nd           | 9,342         |
| 1999 | 8,895,175  | 1,363,404     | 10,258,579                                 | 10,252,500             | nd            | nd             | nd           | 6,079         |
| 2000 | nd         | nd            | nd                                         | nd                     | nd            | nd             | nd           | nd            |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEF de la Honorable Cámara de Diputados en base a datos de la SARN, Consumos aparentes de productos agrícolas, SARN, 1983; México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 16.2  
México: Balance interno de leche entera  
(Toneladas)

|      | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 2,502,000  | 2,664,657              | -162,657        |
| 1962 | 2,464,000  | 2,741,395              | -277,395        |
| 1963 | 2,424,475  | 2,744,123              | -319,648        |
| 1964 | 2,456,687  | 2,724,325              | -267,638        |
| 1965 | 2,530,798  | 2,695,298              | -164,500        |
| 1966 | 3,437,000  | 3,638,172              | -201,172        |
| 1967 | 3,646,482  | 3,937,429              | -290,947        |
| 1968 | 3,740,754  | 3,997,011              | -256,257        |
| 1969 | 3,930,460  | 4,243,966              | -313,506        |
| 1970 | 4,112,528  | 4,188,885              | -76,357         |
| 1971 | 4,282,700  | 4,791,519              | -508,819        |
| 1972 | 5,299,590  | 5,849,815              | -550,225        |
| 1973 | 5,623,930  | 6,160,374              | -536,444        |
| 1974 | 5,964,150  | 6,906,193              | -942,043        |
| 1975 | 6,235,710  | 6,493,385              | -257,675        |
| 1976 | 6,344,238  | 6,390,157              | -45,919         |
| 1977 | 6,636,120  | 7,329,151              | -693,031        |
| 1978 | 6,978,240  | 7,610,155              | -631,915        |
| 1979 | 7,121,110  | 7,894,241              | -773,131        |
| 1980 | 7,231,890  | 9,763,605              | -2,531,715      |
| 1981 | 7,365,140  | 7,535,212              | -170,072        |
| 1982 | 7,440,860  | 7,557,273              | -116,413        |
| 1983 | 7,275,480  | 8,367,661              | -1,092,181      |
| 1984 | 7,140,525  | 8,271,468              | -1,130,943      |
| 1985 | 7,474,350  | 7,573,824              | -99,474         |
| 1986 | 6,906,323  | 8,624,063              | -1,717,740      |
| 1987 | 6,541,971  | 6,636,694              | -94,723         |
| 1988 | 6,475,598  | 7,959,891              | -1,484,293      |
| 1989 | 5,876,850  | 8,081,905              | -2,205,055      |
| 1990 | 6,141,545  | 8,999,300              | -2,857,755      |
| 1991 | 6,717,115  | 7,300,533              | -583,418        |
| 1992 | 6,966,210  | 8,997,906              | -2,031,696      |
| 1993 | 7,404,078  | 9,524,688              | -2,120,610      |
| 1994 | 7,320,213  | 8,824,745              | -1,504,532      |
| 1995 | 7,398,598  | 8,629,168              | -1,230,570      |
| 1996 | 7,586,422  | 9,018,015              | -1,431,593      |
| 1997 | 7,848,105  | 9,413,539              | -1,565,434      |
| 1998 | 8,315,711  | 9,640,920              | -1,325,209      |
| 1999 | 8,895,175  | 10,252,500             | -1,357,325      |
| 2000 | nd         | nd                     | nd              |

Fuente: Elaborado por el CEF de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

## CUADRO 16.3

## México: Producción y consumo de leche entera

(kilogramos)

|      | Población Nacional | Producción /población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36,214,784         | 69.0878               | 73.5733                    | -4.4915                   |
| 1962 | 37,486,139         | 66.7310               | 73.1309                    | -7.3999                   |
| 1963 | 38,800,538         | 62.4896               | 70.7238                    | -8.2362                   |
| 1964 | 40,147,996         | 61.1908               | 67.8571                    | -6.6663                   |
| 1965 | 41,535,828         | 60.9305               | 64.8909                    | -3.9604                   |
| 1966 | 42,965,469         | 60.0131               | 64.6964                    | -4.6833                   |
| 1967 | 44,387,880         | 62.1319               | 69.6951                    | -6.5532                   |
| 1968 | 45,869,633         | 61.6696               | 67.1575                    | -5.5879                   |
| 1969 | 47,337,557         | 63.0305               | 69.6533                    | -6.6228                   |
| 1970 | 48,852,306         | 64.1829               | 69.7459                    | -1.5630                   |
| 1971 | 50,363,091         | 64.9659               | 95.0829                    | -10.0970                  |
| 1972 | 51,948,772         | 102.0157              | 112.6074                   | -10.5917                  |
| 1973 | 53,517,788         | 105.0652              | 115.1099                   | -10.0237                  |
| 1974 | 55,104,832         | 108.2328              | 125.3283                   | -17.0956                  |
| 1975 | 56,687,703         | 110.0011              | 114.5466                   | -4.5455                   |
| 1976 | 58,291,820         | 108.6958              | 109.6236                   | -0.7877                   |
| 1977 | 59,900,617         | 110.7855              | 122.3552                   | -11.5697                  |
| 1978 | 61,527,496         | 113.4166              | 123.6871                   | -10.2705                  |
| 1979 | 63,161,213         | 112.7450              | 124.9896                   | -12.2406                  |
| 1980 | 64,788,572         | 111.6229              | 160.6995                   | -39.0766                  |
| 1981 | 66,425,164         | 110.6788              | 113.4391                   | -2.5604                   |
| 1982 | 68,061,155         | 109.2840              | 111.0039                   | -1.7099                   |
| 1983 | 69,744,148         | 104.3167              | 119.9765                   | -15.6598                  |
| 1984 | 71,421,164         | 99.9777               | 115.8126                   | -15.8348                  |
| 1985 | 73,112,440         | 102.2309              | 103.5915                   | -1.3606                   |
| 1986 | 74,817,783         | 92.3086               | 115.2576                   | -22.9590                  |
| 1987 | 76,536,428         | 85.4753               | 86.7129                    | -1.2376                   |
| 1988 | 78,266,888         | 82.7374               | 101.7019                   | -18.9645                  |
| 1989 | 80,019,134         | 73.4431               | 100.9997                   | -27.5566                  |
| 1990 | 81,781,347         | 75.0971               | 110.0410                   | -34.9438                  |
| 1991 | 83,564,530         | 80.3930               | 87.3745                    | -6.9805                   |
| 1992 | 85,348,102         | 81.6211               | 105.4260                   | -23.8048                  |
| 1993 | 87,117,464         | 84.9886               | 109.3316                   | -24.3430                  |
| 1994 | 88,963,239         | 82.3762               | 99.3070                    | -16.9309                  |
| 1995 | 90,776,718         | 81.0814               | 95.2871                    | -13.5856                  |
| 1996 | 92,228,065         | 82.2572               | 97.7795                    | -15.5223                  |
| 1997 | 93,813,963         | 83.6590               | 100.3426                   | -16.6836                  |
| 1998 | 95,326,450         | 87.2340               | 101.1358                   | -13.9018                  |
| 1999 | 96,714,391         | 91.9736               | 106.0080                   | -14.0344                  |
| 2000 | 97,925,896         | nd                    | nd                         | nd                        |

Fuente: Elaborado por el CENP de la Honorable Cámara de Diputados en base a datos de la SARN, Consumo aparente de productos agrícolas, SARN, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1993, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 18.4

México: Oferta y demanda total de leche entera  
(Porcentaje)

| Año  | OFERTA     |               | OFERTA = DEMANDA<br>(c = a+b)<br>(c = d+e+f) | DEMANDA                |          |                |              |               |
|------|------------|---------------|----------------------------------------------|------------------------|----------|----------------|--------------|---------------|
|      | Producción | Importaciones |                                              | Consumo aparente total | Semillas | Desperdicios y | Alimentación | Exportaciones |
|      | (a)        | (b)           |                                              | (d = a+f+g)            | (e)      | (f)            | (g)          | (h)           |
| 1961 | 93.89      | 6.11          | 100.00                                       | 100.00                 | 4.69     | 28.63          | 66.67        | 0.00          |
| 1962 | 89.88      | 10.12         | 100.00                                       | 100.00                 | 4.49     | 29.11          | 66.40        | 0.00          |
| 1963 | 88.35      | 11.65         | 100.00                                       | 100.00                 | 4.42     | 30.98          | 64.61        | 0.00          |
| 1964 | 90.17      | 9.83          | 100.00                                       | 99.99                  | 4.51     | 29.66          | 65.83        | 0.01          |
| 1965 | 93.89      | 6.11          | 100.00                                       | 100.00                 | 4.69     | 31.67          | 63.63        | 0.00          |
| 1966 | 94.42      | 5.58          | 100.00                                       | 99.95                  | 4.72     | 24.60          | 70.64        | 0.05          |
| 1967 | 92.61      | 7.39          | 100.00                                       | 100.00                 | 4.63     | 24.43          | 70.94        | 0.00          |
| 1968 | 93.69      | 6.41          | 100.00                                       | 100.00                 | 4.68     | 24.19          | 71.13        | 0.00          |
| 1969 | 92.61      | 7.39          | 100.00                                       | 100.00                 | 4.63     | 24.37          | 71.00        | 0.00          |
| 1970 | 98.18      | 1.82          | 100.00                                       | 100.00                 | 4.91     | 26.21          | 68.88        | 0.00          |
| 1971 | 89.21      | 10.79         | 100.00                                       | 99.81                  | 4.47     | 23.54          | 71.85        | 0.19          |
| 1972 | 90.69      | 9.41          | 100.00                                       | 100.00                 | 4.53     | 19.48          | 75.99        | 0.00          |
| 1973 | 91.23      | 8.77          | 100.00                                       | 99.99                  | 4.57     | 18.91          | 76.46        | 0.07          |
| 1974 | 86.36      | 13.64         | 100.00                                       | 100.00                 | 4.32     | 17.38          | 78.30        | 0.00          |
| 1975 | 96.01      | 3.99          | 100.00                                       | 99.98                  | 4.80     | 19.74          | 75.45        | 0.02          |
| 1976 | 99.28      | 0.72          | 100.00                                       | 100.00                 | 4.96     | 20.99          | 74.04        | 0.00          |
| 1977 | 90.54      | 9.46          | 100.00                                       | 100.00                 | 4.53     | 18.11          | 77.36        | 0.00          |
| 1978 | 91.70      | 8.30          | 100.00                                       | 100.00                 | 4.59     | 18.83          | 76.58        | 0.00          |
| 1979 | 90.21      | 9.79          | 100.00                                       | 100.00                 | 4.51     | 18.22          | 77.27        | 0.00          |
| 1980 | 74.07      | 25.93         | 100.00                                       | 100.00                 | 3.71     | 13.55          | 82.74        | 0.00          |
| 1981 | 97.74      | 2.26          | 100.00                                       | 99.99                  | 4.89     | 18.45          | 76.66        | 0.01          |
| 1982 | 98.46      | 1.54          | 100.00                                       | 100.00                 | 4.93     | 19.25          | 75.82        | 0.00          |
| 1983 | 86.95      | 13.05         | 100.00                                       | 100.00                 | 4.35     | 16.79          | 78.86        | 0.00          |
| 1984 | 86.33      | 13.67         | 100.00                                       | 100.00                 | 4.32     | 17.29          | 78.39        | 0.00          |
| 1985 | 98.69      | 1.31          | 100.00                                       | 100.00                 | 4.94     | 19.41          | 75.65        | 0.00          |
| 1986 | 80.03      | 19.97         | 100.00                                       | 100.00                 | 4.01     | 16.31          | 79.68        | 0.00          |
| 1987 | 98.57      | 1.43          | 100.00                                       | 100.00                 | 4.93     | 25.18          | 69.89        | 0.00          |
| 1988 | 81.35      | 18.65         | 100.00                                       | 100.00                 | 4.07     | 20.80          | 75.12        | 0.00          |
| 1989 | 72.72      | 27.28         | 100.00                                       | 100.00                 | 3.65     | 19.98          | 76.37        | 0.00          |
| 1990 | 68.24      | 31.76         | 100.00                                       | 100.00                 | 3.60     | 19.75          | 76.65        | 0.00          |
| 1991 | 91.83      | 8.17          | 100.00                                       | 99.86                  | 4.86     | 21.96          | 73.08        | 0.14          |
| 1992 | 77.39      | 22.61         | 100.00                                       | 99.95                  | 4.10     | 22.75          | 73.12        | 0.04          |
| 1993 | 77.54      | 22.46         | 100.00                                       | 99.75                  | 4.12     | 19.01          | 76.88        | 0.25          |
| 1994 | 82.37      | 17.63         | 100.00                                       | 99.30                  | 4.40     | 21.44          | 73.64        | 0.70          |
| 1995 | 85.55      | 14.45         | 100.00                                       | 99.78                  | 4.52     | 21.47          | 73.84        | 0.22          |
| 1996 | 83.94      | 16.06         | 100.00                                       | 99.77                  | 4.43     | 20.65          | 74.75        | 0.23          |
| 1997 | 83.04      | 16.96         | 100.00                                       | 99.61                  | 4.38     | 20.51          | 74.81        | 0.39          |
| 1998 | 85.17      | 14.83         | 100.00                                       | 99.80                  | nd       | nd             | nd           | 0.10          |
| 1999 | 86.71      | 13.29         | 100.00                                       | 99.94                  | nd       | nd             | nd           | 0.06          |
| 2000 | nd         | nd            | 100.00                                       | nd                     | nd       | nd             | nd           | nd            |

Fuente: Elaborado por el CENP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumo aparente de productos agrícolas, SARH, 1963, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 17.1  
México: Oferta y demanda total de Pescado y Frutos de Mar  
(Toneladas)

| Año  | OFERTA     |               | OFERTA - DEMANDA        |                        | DEMANDA |                |              |            |               |                              |
|------|------------|---------------|-------------------------|------------------------|---------|----------------|--------------|------------|---------------|------------------------------|
|      | Producción | Importaciones | (c = a+b)<br>(c = d+14) | Consumo aparente total | Pienso  | Transformación | Alimentación | Otros usos | Exportaciones | Cambio en las existencias 1* |
|      | (a)        | (b)           |                         | (d = e+g+h)            | (e)     | (f)            | (g)          | (h)        | (i)           | (1)                          |
| 1961 | 205,200    | 64,897        | 270,097                 | 192,838                | 97,000  | 0              | 95,038       | 800        | 77,259        | 0                            |
| 1962 | 195,100    | 102,874       | 297,974                 | 221,677                | 125,000 | 0              | 95,877       | 800        | 76,297        | 0                            |
| 1963 | 223,300    | 142,540       | 365,840                 | 289,224                | 166,000 | 0              | 122,424      | 800        | 76,816        | 0                            |
| 1964 | 223,000    | 176,565       | 399,565                 | 329,383                | 200,900 | 0              | 127,683      | 800        | 70,181        | 0                            |
| 1965 | 236,700    | 163,533       | 400,233                 | 338,267                | 195,500 | 0              | 142,067      | 700        | 61,366        | 0                            |
| 1966 | 258,200    | 249,948       | 508,148                 | 441,487                | 298,000 | 0              | 142,387      | 1,100      | 66,662        | 0                            |
| 1967 | 316,400    | 262,156       | 578,556                 | 514,758                | 339,800 | 0              | 173,358      | 1,600      | 63,796        | 0                            |
| 1968 | 317,700    | 366,621       | 674,321                 | 618,397                | 444,400 | 0              | 171,997      | 2,000      | 55,923        | 0                            |
| 1969 | 318,000    | 360,217       | 678,217                 | 612,127                | 436,500 | 0              | 174,827      | 1,800      | 56,090        | 0                            |
| 1970 | 343,985    | 402,691       | 746,676                 | 688,850                | 467,600 | 0              | 199,350      | 1,900      | 57,826        | 0                            |
| 1971 | 392,400    | 523,344       | 915,744                 | 857,617                | 627,500 | 0              | 228,917      | 1,200      | 59,127        | 0                            |
| 1972 | 423,087    | 429,519       | 852,606                 | 786,174                | 548,900 | 0              | 237,274      | 0          | 66,432        | 0                            |
| 1973 | 441,206    | 71,066        | 512,271                 | 447,190                | 195,900 | 0              | 251,290      | 0          | 65,081        | 0                            |
| 1974 | 396,068    | 135,793       | 531,861                 | 468,078                | 216,183 | 0              | 251,895      | 0          | 57,376        | 6,407                        |
| 1975 | 460,898    | 210,329       | 671,227                 | 601,253                | 322,392 | 0              | 279,861      | 0          | 64,117        | 5,667                        |
| 1976 | 490,078    | 137,776       | 627,854                 | 560,676                | 298,996 | -360           | 262,030      | 0          | 67,178        | 0                            |
| 1977 | 527,817    | 60,062        | 587,879                 | 521,875                | 259,122 | 0              | 262,853      | 0          | 65,904        | 0                            |
| 1978 | 796,863    | 134,029       | 930,892                 | 844,624                | 382,962 | 0              | 461,662      | 0          | 76,268        | 0                            |
| 1979 | 972,397    | 229,081       | 1,201,478               | 1,133,331              | 548,241 | 0              | 584,090      | 0          | 68,147        | 0                            |
| 1980 | 1,246,718  | 153,648       | 1,400,366               | 1,341,685              | 633,273 | 0              | 705,612      | 2,800      | 69,311        | -10,630                      |
| 1981 | 1,605,845  | 134,744       | 1,740,589               | 1,618,760              | 651,798 | 0              | 965,245      | 1,717      | 60,889        | 60,940                       |
| 1982 | 1,396,107  | 157,353       | 1,553,460               | 1,495,842              | 645,888 | 0              | 848,954      | 1,000      | 57,807        | 11                           |
| 1983 | 1,060,880  | 41,105        | 1,101,985               | 1,049,948              | 361,753 | 0              | 687,993      | 202        | 52,018        | -11                          |
| 1984 | 1,104,535  | 100,995       | 1,205,530               | 1,136,634              | 360,934 | 0              | 751,897      | 3,803      | 44,521        | 24,365                       |
| 1985 | 1,221,988  | 24,735        | 1,246,723               | 1,169,825              | 414,505 | 0              | 753,595      | 1,735      | 75,916        | 982                          |
| 1986 | 1,312,588  | 28,305        | 1,341,473               | 1,224,326              | 446,880 | 0              | 775,362      | 1,384      | 118,048       | -900                         |
| 1987 | 1,416,235  | 16,325        | 1,432,560               | 1,296,604              | 454,238 | 0              | 841,067      | 1,309      | 136,035       | -80                          |
| 1988 | 1,369,422  | 136,214       | 1,505,636               | 1,375,501              | 493,942 | 0              | 875,082      | 6,477      | 211,279       | -81,144                      |
| 1989 | 1,467,236  | 224,619       | 1,691,855               | 1,553,897              | 660,048 | 0              | 893,048      | 7,881      | 207,967       | -69,809                      |
| 1990 | 1,447,143  | 65,366        | 1,512,509               | 1,304,000              | 197,472 | 61,331         | 1,043,610    | 1,587      | 152,867       | 56,642                       |
| 1991 | 1,453,276  | 60,342        | 1,513,618               | 1,295,000              | 384,710 | 53,929         | 854,895      | 1,676      | 137,775       | 60,843                       |
| 1992 | 1,246,425  | 93,764        | 1,330,189               | 1,219,000              | 220,441 | 61,548         | 935,889      | 1,322      | 117,432       | -6,243                       |
| 1993 | 1,191,600  | 138,073       | 1,329,673               | 1,401,000              | 164,632 | 60,416         | 1,175,300    | 652        | 118,519       | -169,846                     |
| 1994 | 1,260,019  | 154,473       | 1,414,492               | 1,401,000              | 217,116 | 36,705         | 1,146,735    | 443        | 87,435        | -73,943                      |
| 1995 | 1,404,384  | 116,768       | 1,521,152               | 1,171,000              | 320,509 | 49,206         | 800,998      | 267        | 190,357       | 159,795                      |
| 1996 | 1,530,023  | 97,552        | 1,627,575               | 1,082,000              | 337,471 | 34,496         | 709,645      | 368        | 261,523       | 264,062                      |
| 1997 | 1,570,586  | 102,831       | 1,673,417               | 1,228,000              | 384,934 | 41,974         | 830,748      | 344        | 240,855       | 204,562                      |
| 1998 | 1,233,292  | 61,796        | 1,295,078               | 1,031,000              | 260,802 | 12,443         | 757,435      | 220        | 164,799       | 96,279                       |
| 1999 | 1,286,107  | 119,715       | 1,405,822               | 1,109,000              | 264,290 | 32,090         | 812,088      | 572        | 193,738       | 108,084                      |
| 2000 | 1,402,832  | 117,951       | 1,520,783               | 1,119,000              | 259,176 | 24,772         | 794,482      | 570        | 179,482       | 222,381                      |

Nota: Los sumos pueden no coincidir debido a los ajustes en los dígitos.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

\* El cambio en las existencias con signo positivo se contabiliza como un consumo efectuado y se suma al total. Con signo negativo se considera un consumo futuro y se resta.

\*\* Distribución del consumo en base al sexto informe de gobierno.

Fuente: Elaborado por el CERP de la Honorable Cámara de Diputados en base a datos de FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 17.2

México: Balance interno de Pescado y Frutos de Mar  
(Toneladas)

| Año  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 205,200    | 192,838                | 12,362.0        |
| 1962 | 195,100    | 221,677                | -26,577.0       |
| 1963 | 223,300    | 289,224                | -65,924.0       |
| 1964 | 223,000    | 329,383                | -106,383.0      |
| 1965 | 236,700    | 338,267                | -101,567.0      |
| 1966 | 258,200    | 441,487                | -183,287.0      |
| 1967 | 316,400    | 514,758                | -198,358.0      |
| 1968 | 317,700    | 618,397                | -300,697.0      |
| 1969 | 318,000    | 612,127                | -294,127.0      |
| 1970 | 343,985    | 688,850                | -344,865.0      |
| 1971 | 392,400    | 857,617                | -465,217.0      |
| 1972 | 423,087    | 786,174                | -363,087.0      |
| 1973 | 441,206    | 447,190                | -5,984.0        |
| 1974 | 396,068    | 468,078                | -72,010.0       |
| 1975 | 460,898    | 601,253                | -140,355.0      |
| 1976 | 490,078    | 560,676                | -70,598.0       |
| 1977 | 527,817    | 521,976                | 5,841.0         |
| 1978 | 786,863    | 844,624                | -57,761.0       |
| 1979 | 972,397    | 1,133,331              | -160,934.0      |
| 1980 | 1,246,718  | 1,341,685              | -94,967.0       |
| 1981 | 1,605,845  | 1,618,760              | -12,915.0       |
| 1982 | 1,396,107  | 1,495,842              | -99,735.0       |
| 1983 | 1,060,850  | 1,049,948              | 10,902.0        |
| 1984 | 1,104,535  | 1,136,634              | -32,099.0       |
| 1985 | 1,221,988  | 1,169,825              | 52,163.0        |
| 1986 | 1,312,568  | 1,224,326              | 88,242.0        |
| 1987 | 1,416,235  | 1,296,604              | 119,631.0       |
| 1988 | 1,369,422  | 1,375,501              | -6,079.0        |
| 1989 | 1,467,236  | 1,553,897              | -86,661.0       |
| 1990 | 1,447,143  | 1,304,000              | 143,143.0       |
| 1991 | 1,453,276  | 1,295,000              | 158,276.0       |
| 1992 | 1,246,425  | 1,219,000              | 27,425.0        |
| 1993 | 1,191,600  | 1,401,000              | -209,400.0      |
| 1994 | 1,260,019  | 1,401,000              | -140,981.0      |
| 1995 | 1,404,384  | 1,171,000              | 233,384.0       |
| 1996 | 1,530,023  | 1,082,000              | 448,023.0       |
| 1997 | 1,570,586  | 1,228,000              | 342,586.0       |
| 1998 | 1,233,292  | 1,031,000              | 202,292.0       |
| 1999 | 1,286,107  | 1,109,000              | 177,107.0       |
| 2000 | 1,402,832  | 1,119,000              | 283,832.0       |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 17.3

México: Producción y consumo de Pescado y Frutos de Mar por habitante  
(Kilogramos)

| Año  | Población Nacional | Producción /Población | Consumo aparente/población | Balance interno/población |
|------|--------------------|-----------------------|----------------------------|---------------------------|
| 1961 | 36 214,784         | 5.6962                | 6.3248                     | 0.3414                    |
| 1962 | 37 496,139         | 5.2046                | 5.9136                     | -0.7090                   |
| 1963 | 38 800,538         | 5.7561                | 7.4541                     | -1.6990                   |
| 1964 | 40 147,986         | 5.5545                | 8.2042                     | -2.6498                   |
| 1965 | 41 535,828         | 5.6967                | 8.1440                     | -2.4453                   |
| 1966 | 42 955,469         | 6.0109                | 10.2778                    | -4.2669                   |
| 1967 | 44 397,890         | 7.1265                | 11.5942                    | -4.4677                   |
| 1968 | 45 859,633         | 6.9277                | 13.4846                    | -6.5569                   |
| 1969 | 47 337,557         | 6.7177                | 12.9311                    | -6.2134                   |
| 1970 | 48 852,306         | 7.0413                | 14.1007                    | -7.0593                   |
| 1971 | 50 393,091         | 7.7868                | 17.0185                    | -9.2318                   |
| 1972 | 51 848,772         | 8.1443                | 15.1336                    | -6.9893                   |
| 1973 | 53 517,788         | 8.2441                | 8.3659                     | -0.1118                   |
| 1974 | 55 104,832         | 7.1875                | 8.4943                     | -1.3068                   |
| 1975 | 56 687,703         | 8.1305                | 10.6064                    | -2.4759                   |
| 1976 | 58 291,820         | 8.4073                | 9.6184                     | -1.2111                   |
| 1977 | 59 900,617         | 8.8115                | 8.7140                     | 0.0975                    |
| 1978 | 61 527,486         | 12.7999               | 13.7276                    | -0.9388                   |
| 1979 | 63 161,213         | 15.3955               | 17.9435                    | -2.5480                   |
| 1980 | 64 788,572         | 19.2429               | 20.7067                    | -1.4658                   |
| 1981 | 66 425,164         | 24.1753               | 24.3697                    | -0.1944                   |
| 1982 | 68 081,155         | 20.5055               | 21.9715                    | -1.4649                   |
| 1983 | 69 744,148         | 15.2106               | 15.0543                    | 0.1563                    |
| 1984 | 71 421,164         | 15.4651               | 15.9145                    | -0.4494                   |
| 1985 | 73 112,440         | 16.7138               | 16.0004                    | 0.7135                    |
| 1986 | 74 817,793         | 17.5435               | 16.3641                    | 1.1794                    |
| 1987 | 76 536,428         | 18.5041               | 16.9410                    | 1.5631                    |
| 1988 | 78 266,888         | 17.4958               | 17.5745                    | -0.0777                   |
| 1989 | 80 019,134         | 18.3361               | 19.4191                    | -1.0830                   |
| 1990 | 81 781,347         | 17.6953               | 15.9450                    | 1.7503                    |
| 1991 | 83 554,530         | 17.3831               | 15.4989                    | 1.8843                    |
| 1992 | 85 348,102         | 14.6040               | 14.2827                    | 0.3213                    |
| 1993 | 87 117,464         | 13.6791               | 16.0817                    | -2.4037                   |
| 1994 | 88 863,239         | 14.1793               | 15.7658                    | -1.5865                   |
| 1995 | 90 578,718         | 15.5046               | 12.9280                    | 2.5766                    |
| 1996 | 92 238,065         | 16.5896               | 11.7318                    | 4.8578                    |
| 1997 | 93 813,963         | 16.7415               | 13.0897                    | 3.6518                    |
| 1998 | 95 326,450         | 12.9376               | 10.8165                    | 2.1221                    |
| 1999 | 96 714,391         | 13.2980               | 11.4668                    | 1.8312                    |
| 2000 | 97 825,896         | 14.3254               | 11.4270                    | 2.8984                    |

Fuente: Elaborado por el CENP de la Honorable Cámara de Diputados en base a datos de FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 17.4

México: Oferta y demanda total de Pescado y Frutos de Mar  
(Porcentajes)

| AÑO  | OFERTA            |                      | OFERTA = DEMANDA<br><br>(c = a+b)<br>(c = d+g+h) | DEMANDA                                 |               |                       |              |      |                   | Exportaciones<br>(j) | Cambio en las existencias <sup>1</sup><br>(k) |
|------|-------------------|----------------------|--------------------------------------------------|-----------------------------------------|---------------|-----------------------|--------------|------|-------------------|----------------------|-----------------------------------------------|
|      | Producción<br>(a) | Importaciones<br>(b) |                                                  | Consumo aparente total<br>(d = a+b+g+h) | Pienso<br>(e) | Transformación<br>(f) | Alimentación |      | Otros usos<br>(h) |                      |                                               |
|      |                   |                      |                                                  |                                         |               |                       | (g)          | (h)  |                   |                      |                                               |
| 1961 | 75.57             | 24.03                | 100.00                                           | 71.40                                   | 50.30         | 0.00                  | 49.28        | 0.41 |                   | 29.60                | 0.00                                          |
| 1962 | 65.48             | 34.52                | 100.00                                           | 74.39                                   | 56.39         | 0.00                  | 43.25        | 0.36 |                   | 25.61                | 0.00                                          |
| 1963 | 61.04             | 38.96                | 100.00                                           | 79.06                                   | 57.39         | 0.00                  | 42.33        | 0.28 |                   | 20.94                | 0.00                                          |
| 1964 | 55.81             | 44.19                | 100.00                                           | 82.44                                   | 60.99         | 0.00                  | 38.76        | 0.24 |                   | 17.56                | 0.00                                          |
| 1965 | 59.14             | 40.86                | 100.00                                           | 84.52                                   | 57.79         | 0.00                  | 42.00        | 0.21 |                   | 15.48                | 0.00                                          |
| 1966 | 50.81             | 49.19                | 100.00                                           | 86.88                                   | 67.50         | 0.00                  | 32.25        | 0.25 |                   | 13.12                | 0.00                                          |
| 1967 | 54.69             | 45.31                | 100.00                                           | 89.97                                   | 66.01         | 0.00                  | 33.68        | 0.31 |                   | 11.03                | 0.00                                          |
| 1968 | 47.11             | 52.89                | 100.00                                           | 91.71                                   | 71.86         | 0.00                  | 27.81        | 0.32 |                   | 8.29                 | 0.00                                          |
| 1969 | 47.59             | 52.41                | 100.00                                           | 91.61                                   | 71.15         | 0.00                  | 29.56        | 0.29 |                   | 8.39                 | 0.00                                          |
| 1970 | 46.07             | 53.93                | 100.00                                           | 92.26                                   | 70.78         | 0.00                  | 29.94        | 0.28 |                   | 7.74                 | 0.00                                          |
| 1971 | 42.86             | 57.15                | 100.00                                           | 93.65                                   | 73.17         | 0.00                  | 26.69        | 0.14 |                   | 6.35                 | 0.00                                          |
| 1972 | 49.62             | 50.38                | 100.00                                           | 92.21                                   | 69.82         | 0.00                  | 30.18        | 0.00 |                   | 7.79                 | 0.00                                          |
| 1973 | 66.13             | 33.87                | 100.00                                           | 87.30                                   | 43.81         | 0.00                  | 56.19        | 0.00 |                   | 12.70                | 0.00                                          |
| 1974 | 74.47             | 25.53                | 100.00                                           | 89.01                                   | 46.19         | 0.00                  | 53.81        | 0.00 |                   | 10.79                | 1.20                                          |
| 1975 | 68.66             | 31.34                | 100.00                                           | 89.58                                   | 53.62         | 0.00                  | 46.38        | 0.00 |                   | 9.55                 | 0.87                                          |
| 1976 | 78.06             | 21.94                | 100.00                                           | 89.30                                   | 53.33         | -0.06                 | 46.73        | 0.00 |                   | 10.70                | 0.00                                          |
| 1977 | 89.78             | 10.22                | 100.00                                           | 89.79                                   | 49.64         | 0.00                  | 50.36        | 0.00 |                   | 11.21                | 0.00                                          |
| 1978 | 85.45             | 14.55                | 100.00                                           | 91.72                                   | 45.34         | 0.00                  | 54.66        | 0.00 |                   | 8.28                 | 0.00                                          |
| 1979 | 80.99             | 19.01                | 100.00                                           | 94.33                                   | 48.46         | 0.00                  | 51.54        | 0.00 |                   | 5.67                 | 0.00                                          |
| 1980 | 88.03             | 10.97                | 100.00                                           | 95.81                                   | 47.20         | 0.00                  | 52.59        | 0.21 |                   | 4.95                 | -0.76                                         |
| 1981 | 92.26             | 7.74                 | 100.00                                           | 93.00                                   | 40.27         | 0.00                  | 59.83        | 0.11 |                   | 3.50                 | 3.60                                          |
| 1982 | 88.87             | 10.13                | 100.00                                           | 96.29                                   | 43.18         | 0.00                  | 56.75        | 0.07 |                   | 3.71                 | 0.00                                          |
| 1983 | 96.27             | 3.73                 | 100.00                                           | 95.28                                   | 34.45         | 0.00                  | 65.53        | 0.02 |                   | 4.72                 | 0.00                                          |
| 1984 | 91.62             | 8.38                 | 100.00                                           | 94.29                                   | 33.51         | 0.00                  | 66.15        | 0.33 |                   | 3.69                 | 2.02                                          |
| 1985 | 96.02             | 1.98                 | 100.00                                           | 93.63                                   | 36.43         | 0.00                  | 64.42        | 0.15 |                   | 6.09                 | 0.06                                          |
| 1986 | 97.66             | 2.35                 | 100.00                                           | 91.27                                   | 36.51         | 0.00                  | 63.38        | 0.11 |                   | 8.80                 | -0.07                                         |
| 1987 | 96.86             | 1.14                 | 100.00                                           | 90.51                                   | 36.03         | 0.00                  | 64.87        | 0.10 |                   | 9.50                 | -0.01                                         |
| 1988 | 90.95             | 9.05                 | 100.00                                           | 91.36                                   | 36.91         | 0.00                  | 63.62        | 0.47 |                   | 14.03                | -5.39                                         |
| 1989 | 86.72             | 13.28                | 100.00                                           | 91.85                                   | 42.48         | 0.00                  | 57.02        | 0.50 |                   | 12.27                | -4.11                                         |
| 1990 | 95.68             | 4.32                 | 100.00                                           | 86.21                                   | 15.14         | 4.70                  | 80.03        | 0.12 |                   | 10.11                | 3.68                                          |
| 1991 | 96.01             | 3.99                 | 100.00                                           | 85.56                                   | 29.71         | 4.16                  | 86.00        | 0.13 |                   | 9.10                 | 5.34                                          |
| 1992 | 93.70             | 6.30                 | 100.00                                           | 91.84                                   | 18.08         | 5.05                  | 78.76        | 0.11 |                   | 8.83                 | -0.47                                         |
| 1993 | 89.62             | 10.38                | 100.00                                           | 106.36                                  | 11.75         | 4.31                  | 83.89        | 0.05 |                   | 8.91                 | -14.28                                        |
| 1994 | 88.08             | 10.92                | 100.00                                           | 99.05                                   | 15.50         | 2.82                  | 81.85        | 0.03 |                   | 6.18                 | -5.23                                         |
| 1995 | 92.32             | 7.68                 | 100.00                                           | 76.98                                   | 27.37         | 4.20                  | 68.40        | 0.02 |                   | 12.51                | 10.50                                         |
| 1996 | 94.01             | 5.99                 | 100.00                                           | 86.48                                   | 31.19         | 3.19                  | 65.59        | 0.04 |                   | 16.07                | 17.45                                         |
| 1997 | 93.86             | 6.14                 | 100.00                                           | 73.38                                   | 28.90         | 3.42                  | 67.65        | 0.03 |                   | 14.39                | 12.22                                         |
| 1998 | 95.23             | 4.77                 | 100.00                                           | 79.81                                   | 25.31         | 1.21                  | 73.47        | 0.02 |                   | 12.73                | 7.67                                          |
| 1999 | 91.48             | 8.52                 | 100.00                                           | 78.89                                   | 23.83         | 2.89                  | 73.23        | 0.05 |                   | 13.76                | 7.39                                          |
| 2000 | 92.24             | 7.76                 | 100.00                                           | 73.58                                   | 26.74         | 2.21                  | 71.00        | 0.05 |                   | 11.80                | 14.62                                         |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representan estimaciones formuladas por expertos de México y personal de la FAO.

2 El cambio en las existencias con signo negativo se contabiliza como un consumo efectuado y se suma al total. Con signo positivo se cuenta como un consumo futuro y se resta.

Fuente: Elaborado por el CBPF de la Honorable Cámara de Diputados en base a datos de FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## FORESTAL

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# SECTOR AGROPECUARIO

CUADRO 18.1  
México: Oferta y demanda total de Combustible de leña  
(Metros cúbicos)

| Año  | OFERTA     |               | OFERTA = DEMANDA | DEMANDA    |               |
|------|------------|---------------|------------------|------------|---------------|
|      | Producción | Importaciones | ( c = a+b )      | Consumo    | Exportaciones |
|      | ( a )      | ( b )         | ( c = d+e )      | ( d )      | ( e )         |
| 1961 | 6,336,000  | 8,400         | 6,344,400        | 6,328,000  | 16,400        |
| 1962 | 6,533,000  | 8,000         | 6,541,000        | 6,527,500  | 13,500        |
| 1963 | 6,739,000  | 12,600        | 6,751,600        | 6,751,600  | 0             |
| 1964 | 6,952,000  | 6,600         | 6,958,600        | 6,956,900  | 1,700         |
| 1965 | 7,175,000  | 3,500         | 7,178,500        | 7,178,500  | 0             |
| 1966 | 7,406,000  | 900           | 7,406,900        | 7,406,900  | 0             |
| 1967 | 7,645,000  | 500           | 7,645,500        | 7,645,500  | 0             |
| 1968 | 7,892,000  | 1,300         | 7,893,300        | 7,892,500  | 800           |
| 1969 | 8,149,000  | 300           | 8,149,300        | 8,147,500  | 1,800         |
| 1970 | 8,413,000  | 400           | 8,413,400        | 8,413,400  | 0             |
| 1971 | 8,686,000  | 6,000         | 8,692,000        | 8,692,000  | 0             |
| 1972 | 8,966,000  | 5,900         | 8,971,900        | 8,971,900  | 0             |
| 1973 | 9,252,000  | 3,500         | 9,255,500        | 9,255,500  | 0             |
| 1974 | 9,539,000  | 1,100         | 9,540,100        | 9,540,100  | 0             |
| 1975 | 9,828,000  | 500           | 9,828,500        | 9,828,000  | 500           |
| 1976 | 10,114,000 | 700           | 10,114,700       | 10,114,600 | 100           |
| 1977 | 10,399,000 | 0             | 10,399,000       | 10,398,900 | 100           |
| 1978 | 10,682,000 | 0             | 10,682,000       | 10,681,400 | 600           |
| 1979 | 10,961,000 | 0             | 10,961,000       | 10,958,900 | 2,100         |
| 1980 | 11,236,000 | 0             | 11,236,000       | 11,234,600 | 1,400         |
| 1981 | 11,505,000 | 2,300         | 11,507,300       | 11,505,700 | 1,600         |
| 1982 | 11,771,000 | 800           | 11,771,800       | 11,769,100 | 2,700         |
| 1983 | 12,032,000 | 800           | 12,032,800       | 12,031,800 | 1,000         |
| 1984 | 12,291,000 | 2,600         | 12,293,600       | 12,288,900 | 4,700         |
| 1985 | 12,549,000 | 2,500         | 12,551,500       | 12,548,700 | 2,800         |
| 1986 | 12,807,000 | 2,500         | 12,809,500       | 12,806,700 | 2,800         |
| 1987 | 13,064,000 | 2,500         | 13,066,500       | 13,063,700 | 2,800         |
| 1988 | 13,321,000 | 2,500         | 13,323,500       | 13,320,700 | 2,800         |
| 1989 | 13,579,000 | 2,500         | 13,581,500       | 13,578,700 | 2,800         |
| 1990 | 13,839,000 | 12,000        | 13,851,000       | 13,842,600 | 8,400         |
| 1991 | 14,101,000 | 11,400        | 14,112,400       | 14,108,600 | 3,800         |
| 1992 | 14,365,000 | 11,000        | 14,376,000       | 14,372,565 | 3,435         |
| 1993 | 14,630,000 | 5,480         | 14,635,480       | 14,634,080 | 1,400         |
| 1994 | 14,894,000 | 8,500         | 14,902,500       | 14,900,000 | 2,500         |
| 1995 | 15,157,000 | 6,900         | 15,163,900       | 15,163,200 | 700           |
| 1996 | 15,418,000 | 500           | 15,418,500       | 15,413,200 | 5,300         |
| 1997 | 15,678,000 | 100           | 15,678,100       | 15,672,400 | 5,700         |
| 1998 | 15,935,000 | 100           | 15,935,100       | 15,930,200 | 4,900         |
| 1999 | 15,935,000 | 100           | 15,935,100       | 15,930,200 | 4,900         |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



# SECTOR AGROPECUARIO

## CUADRO 18.2

### México: Balance interno de combustible de leña

(Metros cúbicos)

| Año  | Producción | Consumo    | Balance interno |
|------|------------|------------|-----------------|
| 1961 | 6,336,000  | 6,328,000  | 8,000           |
| 1962 | 6,533,000  | 6,527,500  | 5,500           |
| 1963 | 6,739,000  | 6,751,600  | -12,600         |
| 1964 | 6,952,000  | 6,956,900  | -4,900          |
| 1965 | 7,175,000  | 7,178,500  | -3,500          |
| 1966 | 7,406,000  | 7,406,900  | -900            |
| 1967 | 7,645,000  | 7,645,500  | -500            |
| 1968 | 7,892,000  | 7,892,500  | -500            |
| 1969 | 8,149,000  | 8,147,500  | 1,500           |
| 1970 | 8,413,000  | 8,413,400  | -400            |
| 1971 | 8,686,000  | 8,692,000  | -6,000          |
| 1972 | 8,966,000  | 8,971,900  | -5,900          |
| 1973 | 9,252,000  | 9,255,500  | -3,500          |
| 1974 | 9,539,000  | 9,540,100  | -1,100          |
| 1975 | 9,828,000  | 9,828,000  | 0               |
| 1976 | 10,114,000 | 10,114,600 | -600            |
| 1977 | 10,399,000 | 10,398,900 | 100             |
| 1978 | 10,682,000 | 10,681,400 | 600             |
| 1979 | 10,961,000 | 10,958,900 | 2,100           |
| 1980 | 11,236,000 | 11,234,600 | 1,400           |
| 1981 | 11,505,000 | 11,505,700 | -700            |
| 1982 | 11,771,000 | 11,769,100 | 1,900           |
| 1983 | 12,032,000 | 12,031,800 | 200             |
| 1984 | 12,291,000 | 12,288,900 | 2,100           |
| 1985 | 12,549,000 | 12,548,700 | 300             |
| 1986 | 12,807,000 | 12,806,700 | 300             |
| 1987 | 13,064,000 | 13,063,700 | 300             |
| 1988 | 13,321,000 | 13,320,700 | 300             |
| 1989 | 13,579,000 | 13,578,700 | 300             |
| 1990 | 13,839,000 | 13,842,600 | -3,600          |
| 1991 | 14,101,000 | 14,108,600 | -7,600          |
| 1992 | 14,365,000 | 14,372,565 | -7,565          |
| 1993 | 14,630,000 | 14,634,080 | -4,080          |
| 1994 | 14,894,000 | 14,900,000 | -6,000          |
| 1995 | 15,157,000 | 15,163,200 | -6,200          |
| 1996 | 15,418,000 | 15,413,200 | 4,800           |
| 1997 | 15,678,000 | 15,672,400 | 5,600           |
| 1998 | 15,935,000 | 15,930,200 | 4,800           |
| 1999 | 15,935,000 | 15,930,200 | 4,800           |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 18.3

México: Obtención de leña por hectárea

(centímetros cúbicos)

| Año  | Tierra forestal y montes abiertos <sup>1</sup><br>Hectáreas | Leña       |            | Obtención de leña                              |                                                      |                                                     |
|------|-------------------------------------------------------------|------------|------------|------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
|      |                                                             | Producción | Consumo    | Producción / Tierra forestal y montes abiertos | Consumo aparente / Tierra forestal y montes abiertos | Balance interno / Tierra forestal y montes abiertos |
| 1961 | 58,570,000                                                  | 6,336,000  | 6,328,000  | 10.8178                                        | 10.8042                                              | 0.0137                                              |
| 1962 | 58,040,000                                                  | 6,533,000  | 6,527,500  | 11.2560                                        | 11.2466                                              | 0.0095                                              |
| 1963 | 57,510,000                                                  | 6,739,000  | 6,751,600  | 11.7180                                        | 11.7399                                              | -0.0219                                             |
| 1964 | 56,980,000                                                  | 6,952,000  | 6,956,900  | 12.2008                                        | 12.2094                                              | -0.0086                                             |
| 1965 | 56,450,000                                                  | 7,175,000  | 7,178,500  | 12.7104                                        | 12.7166                                              | -0.0062                                             |
| 1966 | 55,920,000                                                  | 7,406,000  | 7,406,900  | 13.2439                                        | 13.2455                                              | -0.0016                                             |
| 1967 | 55,390,000                                                  | 7,645,000  | 7,645,500  | 13.8021                                        | 13.8030                                              | -0.0009                                             |
| 1968 | 54,860,000                                                  | 7,892,000  | 7,892,500  | 14.3857                                        | 14.3866                                              | -0.0009                                             |
| 1969 | 54,330,000                                                  | 8,149,000  | 8,147,500  | 14.9991                                        | 14.9963                                              | 0.0028                                              |
| 1970 | 53,800,000                                                  | 8,413,000  | 8,413,400  | 15.6375                                        | 15.6383                                              | -0.0007                                             |
| 1971 | 53,270,000                                                  | 8,686,000  | 8,692,000  | 16.3056                                        | 16.3169                                              | -0.0113                                             |
| 1972 | 52,740,000                                                  | 8,966,000  | 8,971,900  | 17.0004                                        | 17.0116                                              | -0.0112                                             |
| 1973 | 52,210,000                                                  | 9,252,000  | 9,255,500  | 17.7207                                        | 17.7274                                              | -0.0067                                             |
| 1974 | 51,680,000                                                  | 9,539,000  | 9,540,100  | 18.4578                                        | 18.4599                                              | -0.0021                                             |
| 1975 | 51,150,000                                                  | 9,828,000  | 9,828,000  | 19.2141                                        | 19.2141                                              | 0.0000                                              |
| 1976 | 50,620,000                                                  | 10,114,000 | 10,114,600 | 19.9802                                        | 19.9814                                              | -0.0012                                             |
| 1977 | 50,090,000                                                  | 10,399,000 | 10,398,900 | 20.7606                                        | 20.7604                                              | 0.0002                                              |
| 1978 | 49,560,000                                                  | 10,682,000 | 10,681,400 | 21.5537                                        | 21.5525                                              | 0.0012                                              |
| 1979 | 48,700,000                                                  | 10,961,000 | 10,958,900 | 22.5072                                        | 22.5029                                              | 0.0043                                              |
| 1980 | 47,840,000                                                  | 11,236,000 | 11,234,600 | 23.4866                                        | 23.4837                                              | 0.0029                                              |
| 1981 | 47,300,000                                                  | 11,505,000 | 11,505,700 | 24.3235                                        | 24.3249                                              | -0.0015                                             |
| 1982 | 46,770,000                                                  | 11,771,000 | 11,769,100 | 25.1678                                        | 25.1638                                              | 0.0041                                              |
| 1983 | 46,240,000                                                  | 12,032,000 | 12,031,800 | 26.0208                                        | 26.0203                                              | 0.0004                                              |
| 1984 | 47,000,000                                                  | 12,291,000 | 12,288,900 | 26.1511                                        | 26.1466                                              | 0.0045                                              |
| 1985 | 47,000,000                                                  | 12,549,000 | 12,548,700 | 26.7000                                        | 26.6994                                              | 0.0006                                              |
| 1986 | 47,000,000                                                  | 12,807,000 | 12,806,700 | 27.2489                                        | 27.2483                                              | 0.0006                                              |
| 1987 | 48,000,000                                                  | 13,064,000 | 13,063,700 | 27.2167                                        | 27.2160                                              | 0.0006                                              |
| 1988 | 48,000,000                                                  | 13,321,000 | 13,320,700 | 27.7521                                        | 27.7515                                              | 0.0006                                              |
| 1989 | 48,000,000                                                  | 13,579,000 | 13,578,700 | 28.2896                                        | 28.2890                                              | 0.0006                                              |
| 1990 | 48,695,000                                                  | 13,839,000 | 13,842,600 | 28.4198                                        | 28.4271                                              | -0.0074                                             |
| 1991 | 48,700,000                                                  | 14,101,000 | 14,108,600 | 28.9548                                        | 28.9704                                              | -0.0156                                             |
| 1992 | 48,700,000                                                  | 14,365,000 | 14,372,565 | 29.4969                                        | 29.5125                                              | -0.0155                                             |
| 1993 | 48,700,000                                                  | 14,630,000 | 14,634,080 | 30.0411                                        | 30.0494                                              | -0.0084                                             |
| 1994 | 48,700,000                                                  | 14,894,000 | 14,900,000 | 30.5832                                        | 30.5955                                              | -0.0123                                             |
| 1995 | 48,700,000                                                  | 15,157,000 | 15,163,200 | 31.1232                                        | 31.1359                                              | -0.0127                                             |
| 1996 | 48,700,000                                                  | 15,418,000 | 15,413,200 | 31.6591                                        | 31.6493                                              | 0.0099                                              |
| 1997 | 48,700,000                                                  | 15,678,000 | 15,672,400 | 32.1930                                        | 32.1815                                              | 0.0115                                              |
| 1998 | 48,700,000                                                  | 15,935,000 | 15,930,200 | 32.7207                                        | 32.7109                                              | 0.0099                                              |
| 1999 | 48,700,000                                                  | 15,935,000 | 15,930,200 | 32.7207                                        | 32.7109                                              | 0.0099                                              |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

1 Se considera como terrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 19.1

## México: Oferta y demanda total de Hojas de Chapa

(Metros cúbicos)

| Año  | OFERTA     |               | OFERTA = DEMANDA | DEMANDA |               |
|------|------------|---------------|------------------|---------|---------------|
|      | Producción | Importaciones | ( c = a+b )      | Consumo | Exportaciones |
|      | ( a )      | ( b )         | ( c = d+e )      | ( d )   | ( e )         |
| 1961 | 600        | 100           | 700              | 100     | 600           |
| 1962 | 300        | 100           | 400              | 100     | 300           |
| 1963 | 300        | 100           | 400              | 200     | 200           |
| 1964 | 300        | 100           | 400              | 300     | 100           |
| 1965 | 200        | 100           | 300              | 300     | 0             |
| 1966 | 300        | 200           | 500              | 500     | 0             |
| 1967 | 300        | 100           | 400              | 300     | 100           |
| 1968 | 400        | 600           | 1,000            | 1,000   | 0             |
| 1969 | 500        | 400           | 900              | 900     | 0             |
| 1970 | 500        | 500           | 1,000            | 900     | 100           |
| 1971 | 500        | 400           | 900              | 800     | 100           |
| 1972 | 500        | 500           | 1,000            | 900     | 100           |
| 1973 | 4,000      | 800           | 4,800            | 4,700   | 100           |
| 1974 | 4,000      | 500           | 4,500            | 4,300   | 200           |
| 1975 | 4,000      | 400           | 4,400            | 4,300   | 100           |
| 1976 | 7,100      | 2,300         | 9,400            | 9,000   | 400           |
| 1977 | 6,100      | 100           | 6,200            | 6,100   | 100           |
| 1978 | 28,000     | 100           | 28,100           | 28,000  | 100           |
| 1979 | 15,600     | 2,800         | 18,400           | 18,300  | 100           |
| 1980 | 8,000      | 13,300        | 21,300           | 21,000  | 300           |
| 1981 | 14,000     | 10,600        | 24,600           | 24,300  | 300           |
| 1982 | 10,000     | 5,800         | 15,800           | 15,500  | 300           |
| 1983 | 7,500      | 5,800         | 13,300           | 13,000  | 300           |
| 1984 | 2,300      | 5,800         | 8,100            | 7,800   | 300           |
| 1985 | 2,300      | 5,800         | 8,100            | 7,800   | 300           |
| 1986 | 2,300      | 5,200         | 7,500            | 7,200   | 300           |
| 1987 | 2,300      | 3,200         | 5,500            | 5,300   | 200           |
| 1988 | 2,300      | 7,700         | 10,000           | 7,600   | 2,400         |
| 1989 | 2,300      | 7,700         | 10,000           | 9,700   | 300           |
| 1990 | 5,000      | 4,200         | 9,200            | 9,100   | 100           |
| 1991 | 10,000     | 7,300         | 17,300           | 17,200  | 100           |
| 1992 | 20,000     | 8,837         | 28,837           | 28,581  | 256           |
| 1993 | 29,000     | 7,000         | 36,000           | 35,700  | 300           |
| 1994 | 49,000     | 7,500         | 56,500           | 56,400  | 100           |
| 1995 | 0          | 21,100        | 21,100           | 16,000  | 5,100         |
| 1996 | 0          | 8,300         | 8,300            | 6,400   | 1,900         |
| 1997 | 0          | 19,200        | 19,200           | 17,200  | 2,000         |
| 1998 | 0          | 27,800        | 27,800           | 26,600  | 1,200         |
| 1999 | 0          | 27,800        | 27,800           | 26,600  | 1,200         |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 19.2

## México: Balance interno de Hojas de Chapa

(Metros cúbicos)

| Año  | Producción | Consumo | Balance interno |
|------|------------|---------|-----------------|
| 1961 | 600        | 100     | 500             |
| 1962 | 300        | 100     | 200             |
| 1963 | 300        | 200     | 100             |
| 1964 | 300        | 300     | 0               |
| 1965 | 200        | 300     | -100            |
| 1966 | 300        | 500     | -200            |
| 1967 | 300        | 300     | 0               |
| 1968 | 400        | 1,000   | -600            |
| 1969 | 500        | 900     | -400            |
| 1970 | 500        | 900     | -400            |
| 1971 | 500        | 800     | -300            |
| 1972 | 500        | 900     | -400            |
| 1973 | 4,000      | 4,700   | -700            |
| 1974 | 4,000      | 4,300   | -300            |
| 1975 | 4,000      | 4,300   | -300            |
| 1976 | 7,100      | 9,000   | -1,900          |
| 1977 | 6,100      | 6,100   | 0               |
| 1978 | 28,000     | 28,000  | 0               |
| 1979 | 15,600     | 18,300  | -2,700          |
| 1980 | 8,000      | 21,000  | -13,000         |
| 1981 | 14,000     | 24,300  | -10,300         |
| 1982 | 10,000     | 15,500  | -5,500          |
| 1983 | 7,500      | 13,000  | -5,500          |
| 1984 | 2,300      | 7,800   | -5,500          |
| 1985 | 2,300      | 7,800   | -5,500          |
| 1986 | 2,300      | 7,200   | -4,900          |
| 1987 | 2,300      | 5,300   | -3,000          |
| 1988 | 2,300      | 7,600   | -5,300          |
| 1989 | 2,300      | 9,700   | -7,400          |
| 1990 | 5,000      | 9,100   | -4,100          |
| 1991 | 10,000     | 17,200  | -7,200          |
| 1992 | 20,000     | 28,581  | -8,581          |
| 1993 | 29,000     | 35,700  | -6,700          |
| 1994 | 49,000     | 56,400  | -7,400          |
| 1995 | 0          | 16,000  | -16,000         |
| 1996 | 0          | 6,400   | -6,400          |
| 1997 | 0          | 17,200  | -17,200         |
| 1998 | 0          | 26,600  | -26,600         |
| 1999 | 0          | 26,600  | -26,600         |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 19.3

México: Obtención de Hojas de Chapa por hectárea

(centímetros cúbicos)

| Año  | Tierra forestal y montes abiertos <sup>1</sup><br>Hectáreas | Hoja de chapa |         | Obtención de hoja de chapa                     |                                                      |                                                     |
|------|-------------------------------------------------------------|---------------|---------|------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
|      |                                                             | Producción    | Consumo | Producción / Tierra forestal y montes abiertos | Consumo aparente / Tierra forestal y montes abiertos | Balance interno / Tierra forestal y montes abiertos |
| 1961 | 58,570,000                                                  | 600           | 100     | 0.0010                                         | 0.0002                                               | 0.0009                                              |
| 1962 | 58,040,000                                                  | 300           | 100     | 0.0005                                         | 0.0002                                               | 0.0003                                              |
| 1963 | 57,510,000                                                  | 300           | 200     | 0.0005                                         | 0.0003                                               | 0.0002                                              |
| 1964 | 56,980,000                                                  | 300           | 300     | 0.0005                                         | 0.0005                                               | 0.0000                                              |
| 1965 | 56,450,000                                                  | 200           | 300     | 0.0004                                         | 0.0005                                               | -0.0002                                             |
| 1966 | 55,920,000                                                  | 300           | 500     | 0.0005                                         | 0.0009                                               | -0.0004                                             |
| 1967 | 55,390,000                                                  | 300           | 300     | 0.0005                                         | 0.0005                                               | 0.0000                                              |
| 1968 | 54,860,000                                                  | 400           | 1,000   | 0.0007                                         | 0.0018                                               | -0.0011                                             |
| 1969 | 54,330,000                                                  | 500           | 900     | 0.0009                                         | 0.0017                                               | -0.0007                                             |
| 1970 | 53,800,000                                                  | 500           | 900     | 0.0009                                         | 0.0017                                               | -0.0007                                             |
| 1971 | 53,270,000                                                  | 500           | 800     | 0.0009                                         | 0.0015                                               | -0.0006                                             |
| 1972 | 52,740,000                                                  | 500           | 900     | 0.0009                                         | 0.0017                                               | -0.0008                                             |
| 1973 | 52,210,000                                                  | 4,000         | 4,700   | 0.0077                                         | 0.0090                                               | -0.0013                                             |
| 1974 | 51,680,000                                                  | 4,000         | 4,300   | 0.0077                                         | 0.0083                                               | -0.0006                                             |
| 1975 | 51,150,000                                                  | 4,000         | 4,300   | 0.0078                                         | 0.0084                                               | -0.0006                                             |
| 1976 | 50,620,000                                                  | 7,100         | 9,000   | 0.0140                                         | 0.0178                                               | -0.0038                                             |
| 1977 | 50,090,000                                                  | 6,100         | 6,100   | 0.0122                                         | 0.0122                                               | 0.0000                                              |
| 1978 | 49,560,000                                                  | 28,000        | 28,000  | 0.0565                                         | 0.0565                                               | 0.0000                                              |
| 1979 | 48,700,000                                                  | 15,600        | 18,300  | 0.0320                                         | 0.0376                                               | -0.0055                                             |
| 1980 | 47,840,000                                                  | 8,000         | 21,000  | 0.0167                                         | 0.0439                                               | -0.0272                                             |
| 1981 | 47,300,000                                                  | 14,000        | 24,300  | 0.0296                                         | 0.0514                                               | -0.0218                                             |
| 1982 | 46,770,000                                                  | 10,000        | 15,500  | 0.0214                                         | 0.0331                                               | -0.0118                                             |
| 1983 | 46,240,000                                                  | 7,500         | 13,000  | 0.0162                                         | 0.0281                                               | -0.0119                                             |
| 1984 | 47,000,000                                                  | 2,300         | 7,800   | 0.0049                                         | 0.0166                                               | -0.0117                                             |
| 1985 | 47,000,000                                                  | 2,300         | 7,800   | 0.0049                                         | 0.0166                                               | -0.0117                                             |
| 1986 | 47,000,000                                                  | 2,300         | 7,200   | 0.0049                                         | 0.0153                                               | -0.0104                                             |
| 1987 | 48,000,000                                                  | 2,300         | 5,300   | 0.0048                                         | 0.0110                                               | -0.0063                                             |
| 1988 | 48,000,000                                                  | 2,300         | 7,600   | 0.0048                                         | 0.0158                                               | -0.0110                                             |
| 1989 | 48,000,000                                                  | 2,300         | 9,700   | 0.0048                                         | 0.0202                                               | -0.0154                                             |
| 1990 | 48,695,000                                                  | 5,000         | 9,100   | 0.0103                                         | 0.0187                                               | -0.0084                                             |
| 1991 | 48,700,000                                                  | 10,000        | 17,200  | 0.0205                                         | 0.0353                                               | -0.0148                                             |
| 1992 | 48,700,000                                                  | 20,000        | 28,581  | 0.0411                                         | 0.0587                                               | -0.0176                                             |
| 1993 | 48,700,000                                                  | 29,000        | 35,700  | 0.0595                                         | 0.0733                                               | -0.0138                                             |
| 1994 | 48,700,000                                                  | 49,000        | 56,400  | 0.1006                                         | 0.1158                                               | -0.0152                                             |
| 1995 | 48,700,000                                                  | 0             | 16,000  | 0.0000                                         | 0.0329                                               | -0.0329                                             |
| 1996 | 48,700,000                                                  | 0             | 6,400   | 0.0000                                         | 0.0131                                               | -0.0131                                             |
| 1997 | 48,700,000                                                  | 0             | 17,200  | 0.0000                                         | 0.0353                                               | -0.0353                                             |
| 1998 | 48,700,000                                                  | 0             | 26,600  | 0.0000                                         | 0.0546                                               | -0.0546                                             |
| 1999 | 48,700,000                                                  | 0             | 26,600  | 0.0000                                         | 0.0546                                               | -0.0546                                             |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

1 Se considera como terrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFPA de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 20.1

## México: Oferta y demanda total de madera aserrada

(Metros cúbicos)

| Año  | OFERTA              |                        | OFERTA = DEMANDA           | DEMANDA          |                        |
|------|---------------------|------------------------|----------------------------|------------------|------------------------|
|      | Producción<br>( a ) | Importaciones<br>( b ) | ( c = a+b )<br>( c = d+e ) | Consumo<br>( d ) | Exportaciones<br>( e ) |
| 1961 | 989,000             | 15,800                 | 1,004,800                  | 960,500          | 44,300                 |
| 1962 | 1,031,000           | 12,600                 | 1,043,600                  | 998,900          | 44,700                 |
| 1963 | 1,252,000           | 11,100                 | 1,263,100                  | 1,235,400        | 27,700                 |
| 1964 | 1,473,000           | 45,700                 | 1,518,700                  | 1,498,500        | 20,200                 |
| 1965 | 1,470,000           | 54,100                 | 1,524,100                  | 1,504,800        | 19,300                 |
| 1966 | 1,548,000           | 65,500                 | 1,613,500                  | 1,600,800        | 12,700                 |
| 1967 | 1,645,000           | 67,000                 | 1,712,000                  | 1,698,900        | 13,100                 |
| 1968 | 1,658,000           | 99,100                 | 1,757,100                  | 1,729,300        | 27,800                 |
| 1969 | 1,624,000           | 110,200                | 1,734,200                  | 1,702,200        | 32,000                 |
| 1970 | 1,572,000           | 140,300                | 1,712,300                  | 1,681,900        | 30,400                 |
| 1971 | 1,534,000           | 143,400                | 1,677,400                  | 1,640,800        | 36,600                 |
| 1972 | 1,803,000           | 122,500                | 1,925,500                  | 1,883,500        | 42,000                 |
| 1973 | 1,938,000           | 136,400                | 2,074,400                  | 2,045,600        | 28,800                 |
| 1974 | 2,055,000           | 134,800                | 2,189,800                  | 2,182,800        | 7,000                  |
| 1975 | 1,986,000           | 205,000                | 2,191,000                  | 2,164,352        | 26,648                 |
| 1976 | 2,147,000           | 149,000                | 2,296,000                  | 2,295,762        | 238                    |
| 1977 | 2,259,000           | 29,300                 | 2,288,300                  | 2,287,200        | 1,100                  |
| 1978 | 2,299,000           | 29,000                 | 2,328,000                  | 2,327,600        | 400                    |
| 1979 | 2,109,000           | 156,300                | 2,265,300                  | 2,263,400        | 1,900                  |
| 1980 | 1,991,000           | 534,700                | 2,525,700                  | 2,525,300        | 400                    |
| 1981 | 1,928,000           | 407,700                | 2,335,700                  | 2,335,100        | 600                    |
| 1982 | 1,669,000           | 269,500                | 1,938,500                  | 1,937,800        | 700                    |
| 1983 | 1,827,000           | 257,300                | 2,084,300                  | 2,053,100        | 31,200                 |
| 1984 | 1,975,000           | 254,500                | 2,229,500                  | 2,198,300        | 31,200                 |
| 1985 | 2,205,000           | 285,600                | 2,490,600                  | 2,465,600        | 25,000                 |
| 1986 | 2,143,000           | 339,800                | 2,482,800                  | 2,451,000        | 31,800                 |
| 1987 | 2,410,000           | 439,800                | 2,849,800                  | 2,788,500        | 61,300                 |
| 1988 | 2,528,000           | 714,500                | 3,242,500                  | 3,052,200        | 190,300                |
| 1989 | 2,447,000           | 355,700                | 2,802,700                  | 2,645,600        | 157,100                |
| 1990 | 2,366,000           | 439,900                | 2,805,900                  | 2,673,100        | 132,800                |
| 1991 | 2,696,000           | 626,000                | 3,322,000                  | 2,951,600        | 370,400                |
| 1992 | 2,696,000           | 620,342                | 3,316,342                  | 2,675,598        | 640,744                |
| 1993 | 2,560,000           | 815,400                | 3,375,400                  | 3,238,591        | 136,809                |
| 1994 | 2,693,000           | 998,400                | 3,691,400                  | 3,505,800        | 185,600                |
| 1995 | 2,329,000           | 669,400                | 2,998,400                  | 2,736,200        | 262,200                |
| 1996 | 2,543,000           | 690,300                | 3,233,300                  | 2,816,000        | 417,300                |
| 1997 | 2,961,000           | 964,700                | 3,925,700                  | 3,507,900        | 417,800                |
| 1998 | 3,260,000           | 1,430,100              | 4,690,100                  | 4,360,100        | 330,000                |
| 1999 | 3,260,000           | 1,430,100              | 4,690,100                  | 4,360,100        | 330,000                |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 20.2

### México: Balance interno de madera aserrada (Metros cúbicos)

| Año  | Producción | Consumo   | Balance interno |
|------|------------|-----------|-----------------|
| 1961 | 989,000    | 960,500   | 28,500          |
| 1962 | 1,031,000  | 998,900   | 32,100          |
| 1963 | 1,252,000  | 1,235,400 | 16,600          |
| 1964 | 1,473,000  | 1,498,500 | -25,500         |
| 1965 | 1,470,000  | 1,504,800 | -34,800         |
| 1966 | 1,548,000  | 1,600,800 | -52,800         |
| 1967 | 1,645,000  | 1,698,900 | -53,900         |
| 1968 | 1,658,000  | 1,729,300 | -71,300         |
| 1969 | 1,624,000  | 1,702,200 | -78,200         |
| 1970 | 1,572,000  | 1,681,900 | -109,900        |
| 1971 | 1,534,000  | 1,640,800 | -106,800        |
| 1972 | 1,803,000  | 1,883,500 | -80,500         |
| 1973 | 1,938,000  | 2,045,600 | -107,600        |
| 1974 | 2,055,000  | 2,182,800 | -127,800        |
| 1975 | 1,986,000  | 2,164,352 | -178,352        |
| 1976 | 2,147,000  | 2,295,762 | -148,762        |
| 1977 | 2,259,000  | 2,287,200 | -28,200         |
| 1978 | 2,299,000  | 2,327,600 | -28,600         |
| 1979 | 2,109,000  | 2,263,400 | -154,400        |
| 1980 | 1,991,000  | 2,525,300 | -534,300        |
| 1981 | 1,928,000  | 2,335,100 | -407,100        |
| 1982 | 1,669,000  | 1,937,800 | -268,800        |
| 1983 | 1,827,000  | 2,053,100 | -226,100        |
| 1984 | 1,975,000  | 2,198,300 | -223,300        |
| 1985 | 2,205,000  | 2,465,600 | -260,600        |
| 1986 | 2,143,000  | 2,451,000 | -308,000        |
| 1987 | 2,410,000  | 2,788,500 | -378,500        |
| 1988 | 2,528,000  | 3,052,200 | -524,200        |
| 1989 | 2,447,000  | 2,645,600 | -198,600        |
| 1990 | 2,366,000  | 2,673,100 | -307,100        |
| 1991 | 2,696,000  | 2,951,600 | -255,600        |
| 1992 | 2,696,000  | 2,675,598 | 20,402          |
| 1993 | 2,560,000  | 3,238,591 | -678,591        |
| 1994 | 2,693,000  | 3,505,800 | -812,800        |
| 1995 | 2,329,000  | 2,736,200 | -407,200        |
| 1996 | 2,543,000  | 2,816,000 | -273,000        |
| 1997 | 2,961,000  | 3,507,900 | -546,900        |
| 1998 | 3,260,000  | 4,360,100 | -1,100,100      |
| 1999 | 3,260,000  | 4,360,100 | -1,100,100      |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFM de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 20.3

## México: Obtención de madera aserrada por hectárea

(centímetros cúbicos)

| Año  | Tierra forestal y montes abiertos <sup>1</sup><br>Hectáreas | Madera aserrada |           | Obtención de madera aserrada                   |                                                      |                                                     |
|------|-------------------------------------------------------------|-----------------|-----------|------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
|      |                                                             | Producción      | Consumo   | Producción / Tierra forestal y montes abiertos | Consumo aparente / Tierra forestal y montes abiertos | Balance interno / Tierra forestal y montes abiertos |
| 1961 | 58,570,000                                                  | 989,000         | 960,500   | 1.6886                                         | 1.6399                                               | 0.0487                                              |
| 1962 | 58,040,000                                                  | 1,031,000       | 998,900   | 1.7764                                         | 1.7211                                               | 0.0553                                              |
| 1963 | 57,510,000                                                  | 1,252,000       | 1,235,400 | 2.1770                                         | 2.1481                                               | 0.0289                                              |
| 1964 | 56,980,000                                                  | 1,473,000       | 1,498,500 | 2.5851                                         | 2.6299                                               | -0.0448                                             |
| 1965 | 56,450,000                                                  | 1,470,000       | 1,504,800 | 2.6041                                         | 2.6657                                               | -0.0616                                             |
| 1966 | 55,920,000                                                  | 1,548,000       | 1,600,800 | 2.7682                                         | 2.8627                                               | -0.0944                                             |
| 1967 | 55,390,000                                                  | 1,645,000       | 1,698,900 | 2.9699                                         | 3.0672                                               | -0.0973                                             |
| 1968 | 54,860,000                                                  | 1,658,000       | 1,729,300 | 3.0222                                         | 3.1522                                               | -0.1300                                             |
| 1969 | 54,330,000                                                  | 1,624,000       | 1,702,200 | 2.9891                                         | 3.1331                                               | -0.1439                                             |
| 1970 | 53,800,000                                                  | 1,572,000       | 1,681,900 | 2.9219                                         | 3.1262                                               | -0.2043                                             |
| 1971 | 53,270,000                                                  | 1,534,000       | 1,640,800 | 2.8797                                         | 3.0802                                               | -0.2005                                             |
| 1972 | 52,740,000                                                  | 1,803,000       | 1,883,500 | 3.4187                                         | 3.5713                                               | -0.1526                                             |
| 1973 | 52,210,000                                                  | 1,938,000       | 2,045,600 | 3.7119                                         | 3.9180                                               | -0.2061                                             |
| 1974 | 51,680,000                                                  | 2,055,000       | 2,182,800 | 3.9764                                         | 4.2237                                               | -0.2473                                             |
| 1975 | 51,150,000                                                  | 1,986,000       | 2,164,352 | 3.8827                                         | 4.2314                                               | -0.3487                                             |
| 1976 | 50,620,000                                                  | 2,147,000       | 2,295,762 | 4.2414                                         | 4.5353                                               | -0.2939                                             |
| 1977 | 50,090,000                                                  | 2,259,000       | 2,287,200 | 4.5099                                         | 4.5662                                               | -0.0563                                             |
| 1978 | 49,560,000                                                  | 2,299,000       | 2,327,600 | 4.6388                                         | 4.6965                                               | -0.0577                                             |
| 1979 | 48,700,000                                                  | 2,109,000       | 2,263,400 | 4.3306                                         | 4.6476                                               | -0.3170                                             |
| 1980 | 47,840,000                                                  | 1,991,000       | 2,525,300 | 4.1618                                         | 5.2786                                               | -1.1168                                             |
| 1981 | 47,300,000                                                  | 1,928,000       | 2,335,100 | 4.0761                                         | 4.9368                                               | -0.8607                                             |
| 1982 | 46,770,000                                                  | 1,669,000       | 1,937,800 | 3.5685                                         | 4.1433                                               | -0.5747                                             |
| 1983 | 46,240,000                                                  | 1,827,000       | 2,053,100 | 3.9511                                         | 4.4401                                               | -0.4890                                             |
| 1984 | 47,000,000                                                  | 1,975,000       | 2,198,300 | 4.2021                                         | 4.6772                                               | -0.4751                                             |
| 1985 | 47,000,000                                                  | 2,205,000       | 2,465,600 | 4.6915                                         | 5.2460                                               | -0.5545                                             |
| 1986 | 47,000,000                                                  | 2,143,000       | 2,451,000 | 4.5596                                         | 5.2149                                               | -0.6553                                             |
| 1987 | 48,000,000                                                  | 2,410,000       | 2,788,500 | 5.0208                                         | 5.8094                                               | -0.7885                                             |
| 1988 | 48,000,000                                                  | 2,528,000       | 3,052,200 | 5.2667                                         | 6.3588                                               | -1.0921                                             |
| 1989 | 48,000,000                                                  | 2,447,000       | 2,645,600 | 5.0979                                         | 5.5117                                               | -0.4138                                             |
| 1990 | 48,695,000                                                  | 2,366,000       | 2,673,100 | 4.8588                                         | 5.4895                                               | -0.6307                                             |
| 1991 | 48,700,000                                                  | 2,696,000       | 2,951,600 | 5.5359                                         | 6.0608                                               | -0.5248                                             |
| 1992 | 48,700,000                                                  | 2,696,000       | 2,675,598 | 5.5359                                         | 5.4940                                               | 0.0419                                              |
| 1993 | 48,700,000                                                  | 2,560,000       | 3,238,591 | 5.2567                                         | 6.6501                                               | -1.3934                                             |
| 1994 | 48,700,000                                                  | 2,693,000       | 3,505,800 | 5.5298                                         | 7.1988                                               | -1.6690                                             |
| 1995 | 48,700,000                                                  | 2,329,000       | 2,736,200 | 4.7823                                         | 5.6185                                               | -0.8361                                             |
| 1996 | 48,700,000                                                  | 2,543,000       | 2,816,000 | 5.2218                                         | 5.7823                                               | -0.5606                                             |
| 1997 | 48,700,000                                                  | 2,961,000       | 3,507,900 | 6.0801                                         | 7.2031                                               | -1.1230                                             |
| 1998 | 48,700,000                                                  | 3,260,000       | 4,360,100 | 6.6940                                         | 8.9530                                               | -2.2589                                             |
| 1999 | 48,700,000                                                  | 3,260,000       | 4,360,100 | 6.6940                                         | 8.9530                                               | -2.2589                                             |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

1 Se considera como terrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



# SECTOR AGROPECUARIO

CUADRO 21.1

## México: Oferta y demanda total de madera en rollo (Metros cúbicos)

| Año  | OFERTA     |               | OFERTA = DEMANDA | DEMANDA    |               |
|------|------------|---------------|------------------|------------|---------------|
|      | Producción | Importaciones | ( c = a+b )      | Consumo    | Exportaciones |
|      | ( a )      | ( b )         | (c = d+e)        | ( d )      | ( e )         |
| 1961 | 8,932,000  | 40,800        | 8,972,800        | 8,956,200  | 16,600        |
| 1962 | 9,763,000  | 37,200        | 9,800,200        | 9,786,600  | 13,600        |
| 1963 | 10,339,000 | 34,500        | 10,373,500       | 10,372,800 | 700           |
| 1964 | 10,850,000 | 17,600        | 10,867,600       | 10,864,900 | 2,700         |
| 1965 | 11,295,000 | 54,400        | 11,349,400       | 11,348,100 | 1,300         |
| 1966 | 11,159,000 | 33,700        | 11,192,700       | 11,192,700 | 0             |
| 1967 | 12,222,000 | 33,100        | 12,255,100       | 12,255,100 | 0             |
| 1968 | 12,564,000 | 25,400        | 12,589,400       | 12,588,600 | 800           |
| 1969 | 13,061,000 | 28,100        | 13,089,100       | 13,087,300 | 1,800         |
| 1970 | 13,715,000 | 57,600        | 13,772,600       | 13,772,600 | 0             |
| 1971 | 13,546,000 | 32,200        | 13,578,200       | 13,578,200 | 0             |
| 1972 | 14,105,000 | 11,000        | 14,116,000       | 14,116,000 | 0             |
| 1973 | 14,793,000 | 14,700        | 14,807,700       | 14,807,700 | 0             |
| 1974 | 15,766,000 | 7,200         | 15,773,200       | 15,773,200 | 0             |
| 1975 | 16,441,000 | 15,900        | 16,456,900       | 16,455,500 | 1,400         |
| 1976 | 16,993,000 | 17,500        | 17,010,500       | 16,988,500 | 22,000        |
| 1977 | 17,394,000 | 4,600         | 17,398,600       | 17,398,500 | 100           |
| 1978 | 15,764,000 | 4,600         | 15,768,600       | 15,768,000 | 600           |
| 1979 | 16,991,000 | 37,100        | 17,028,100       | 17,026,000 | 2,100         |
| 1980 | 17,581,200 | 67,700        | 17,648,900       | 17,647,500 | 1,400         |
| 1981 | 17,757,600 | 30,400        | 17,788,000       | 17,786,400 | 1,600         |
| 1982 | 18,297,700 | 25,100        | 18,322,800       | 18,320,100 | 2,700         |
| 1983 | 18,607,700 | 25,100        | 18,632,800       | 18,631,800 | 1,000         |
| 1984 | 19,468,000 | 18,300        | 19,486,300       | 19,481,600 | 4,700         |
| 1985 | 20,022,000 | 14,100        | 20,036,100       | 20,033,300 | 2,800         |
| 1986 | 19,836,000 | 12,300        | 19,848,300       | 19,845,500 | 2,800         |
| 1987 | 20,460,000 | 16,600        | 20,476,600       | 20,473,800 | 2,800         |
| 1988 | 20,582,000 | 13,000        | 20,595,000       | 20,592,200 | 2,800         |
| 1989 | 21,890,000 | 13,600        | 21,903,600       | 21,900,800 | 2,800         |
| 1990 | 21,419,000 | 37,954        | 21,456,954       | 21,439,967 | 16,987        |
| 1991 | 21,300,000 | 23,748        | 21,323,748       | 21,315,125 | 8,623         |
| 1992 | 21,410,000 | 22,220        | 21,432,220       | 21,422,319 | 9,901         |
| 1993 | 20,579,000 | 35,880        | 20,614,880       | 20,608,631 | 6,249         |
| 1994 | 20,943,000 | 74,100        | 21,017,100       | 21,008,851 | 8,249         |
| 1995 | 21,217,000 | 50,600        | 21,267,600       | 21,244,200 | 23,400        |
| 1996 | 21,962,000 | 25,800        | 21,987,800       | 21,975,200 | 12,600        |
| 1997 | 22,991,000 | 74,400        | 23,065,400       | 23,058,300 | 7,100         |
| 1998 | 23,866,000 | 22,100        | 23,888,100       | 23,882,200 | 5,900         |
| 1999 | 23,866,000 | 22,100        | 23,888,100       | 23,882,200 | 5,900         |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 21.2  
**México: Balance interno de madera en rollo**  
(Metros cúbicos)

| Año  | Producción | Consumo    | Balance interno |
|------|------------|------------|-----------------|
| 1961 | 8,932,000  | 8,956,200  | -24,200         |
| 1962 | 9,763,000  | 9,786,600  | -23,600         |
| 1963 | 10,339,000 | 10,372,800 | -33,800         |
| 1964 | 10,850,000 | 10,864,900 | -14,900         |
| 1965 | 11,295,000 | 11,348,100 | -53,100         |
| 1966 | 11,159,000 | 11,192,700 | -33,700         |
| 1967 | 12,222,000 | 12,255,100 | -33,100         |
| 1968 | 12,564,000 | 12,588,600 | -24,600         |
| 1969 | 13,061,000 | 13,087,300 | -26,300         |
| 1970 | 13,715,000 | 13,772,600 | -57,600         |
| 1971 | 13,546,000 | 13,578,200 | -32,200         |
| 1972 | 14,105,000 | 14,116,000 | -11,000         |
| 1973 | 14,793,000 | 14,807,700 | -14,700         |
| 1974 | 15,766,000 | 15,773,200 | -7,200          |
| 1975 | 16,441,000 | 16,455,500 | -14,500         |
| 1976 | 16,993,000 | 16,988,500 | 4,500           |
| 1977 | 17,394,000 | 17,398,500 | -4,500          |
| 1978 | 15,764,000 | 15,768,000 | -4,000          |
| 1979 | 16,991,000 | 17,026,000 | -35,000         |
| 1980 | 17,581,200 | 17,647,500 | -66,300         |
| 1981 | 17,757,600 | 17,786,400 | -28,800         |
| 1982 | 18,297,700 | 18,320,100 | -22,400         |
| 1983 | 18,607,700 | 18,631,800 | -24,100         |
| 1984 | 19,468,000 | 19,481,600 | -13,600         |
| 1985 | 20,022,000 | 20,033,300 | -11,300         |
| 1986 | 19,836,000 | 19,845,500 | -9,500          |
| 1987 | 20,460,000 | 20,473,800 | -13,800         |
| 1988 | 20,582,000 | 20,592,200 | -10,200         |
| 1989 | 21,890,000 | 21,900,800 | -10,800         |
| 1990 | 21,419,000 | 21,439,967 | -20,967         |
| 1991 | 21,300,000 | 21,315,125 | -15,125         |
| 1992 | 21,410,000 | 21,422,319 | -12,319         |
| 1993 | 20,579,000 | 20,608,631 | -29,631         |
| 1994 | 20,943,000 | 21,008,851 | -65,851         |
| 1995 | 21,217,000 | 21,244,200 | -27,200         |
| 1996 | 21,962,000 | 21,975,200 | -13,200         |
| 1997 | 22,991,000 | 23,058,300 | -67,300         |
| 1998 | 23,866,000 | 23,882,200 | -16,200         |
| 1999 | 23,866,000 | 23,882,200 | -16,200         |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 21.3

México: Obtención de madera en rollo por hectárea

(centímetros cúbicos)

| Año  | Tierra forestal y montes abiertos <sup>1</sup><br>Hectáreas | Madera en rollo |            | Obtención de madera en rollo                   |                                                      |                                                     |
|------|-------------------------------------------------------------|-----------------|------------|------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
|      |                                                             | Producción      | Consumo    | Producción / Tierra forestal y montes abiertos | Consumo aparente / Tierra forestal y montes abiertos | Balance interno / Tierra forestal y montes abiertos |
| 1961 | 58,570,000                                                  | 8,932,000       | 8,956,200  | 15.2501                                        | 15.2914                                              | -0.0413                                             |
| 1962 | 58,040,000                                                  | 9,763,000       | 9,786,600  | 16.8212                                        | 16.8618                                              | -0.0407                                             |
| 1963 | 57,510,000                                                  | 10,339,000      | 10,372,800 | 17.9777                                        | 18.0365                                              | -0.0588                                             |
| 1964 | 56,980,000                                                  | 10,850,000      | 10,864,900 | 19.0418                                        | 19.0679                                              | -0.0261                                             |
| 1965 | 56,450,000                                                  | 11,295,000      | 11,348,100 | 20.0089                                        | 20.1029                                              | -0.0941                                             |
| 1966 | 55,920,000                                                  | 11,159,000      | 11,192,700 | 19.9553                                        | 20.0156                                              | -0.0603                                             |
| 1967 | 55,390,000                                                  | 12,222,000      | 12,255,100 | 22.0654                                        | 22.1251                                              | -0.0598                                             |
| 1968 | 54,860,000                                                  | 12,564,000      | 12,588,600 | 22.9019                                        | 22.9468                                              | -0.0448                                             |
| 1969 | 54,330,000                                                  | 13,061,000      | 13,087,300 | 24.0401                                        | 24.0885                                              | -0.0484                                             |
| 1970 | 53,800,000                                                  | 13,715,000      | 13,772,600 | 25.4926                                        | 25.5996                                              | -0.1071                                             |
| 1971 | 53,270,000                                                  | 13,546,000      | 13,578,200 | 25.4289                                        | 25.4894                                              | -0.0604                                             |
| 1972 | 52,740,000                                                  | 14,105,000      | 14,116,000 | 26.7444                                        | 26.7653                                              | -0.0209                                             |
| 1973 | 52,210,000                                                  | 14,793,000      | 14,807,700 | 28.3337                                        | 28.3618                                              | -0.0282                                             |
| 1974 | 51,680,000                                                  | 15,766,000      | 15,773,200 | 30.5070                                        | 30.5209                                              | -0.0139                                             |
| 1975 | 51,150,000                                                  | 16,441,000      | 16,455,500 | 32.1427                                        | 32.1711                                              | -0.0283                                             |
| 1976 | 50,620,000                                                  | 16,993,000      | 16,988,500 | 33.5697                                        | 33.5608                                              | 0.0089                                              |
| 1977 | 50,090,000                                                  | 17,394,000      | 17,398,500 | 34.7255                                        | 34.7345                                              | -0.0090                                             |
| 1978 | 49,560,000                                                  | 15,764,000      | 15,768,000 | 31.8079                                        | 31.8160                                              | -0.0081                                             |
| 1979 | 48,700,000                                                  | 16,991,000      | 17,026,000 | 34.8891                                        | 34.9610                                              | -0.0719                                             |
| 1980 | 47,840,000                                                  | 17,581,200      | 17,647,500 | 36.7500                                        | 36.8886                                              | -0.1386                                             |
| 1981 | 47,300,000                                                  | 17,757,600      | 17,786,400 | 37.5425                                        | 37.6034                                              | -0.0609                                             |
| 1982 | 46,770,000                                                  | 18,297,700      | 18,320,100 | 39.1227                                        | 39.1706                                              | -0.0479                                             |
| 1983 | 46,240,000                                                  | 18,607,700      | 18,631,800 | 40.2416                                        | 40.2937                                              | -0.0521                                             |
| 1984 | 47,000,000                                                  | 19,468,000      | 19,481,600 | 41.4213                                        | 41.4502                                              | -0.0289                                             |
| 1985 | 47,000,000                                                  | 20,022,000      | 20,033,300 | 42.6000                                        | 42.6240                                              | -0.0240                                             |
| 1986 | 47,000,000                                                  | 19,836,000      | 19,845,500 | 42.2043                                        | 42.2245                                              | -0.0202                                             |
| 1987 | 48,000,000                                                  | 20,460,000      | 20,473,800 | 42.6250                                        | 42.6538                                              | -0.0288                                             |
| 1988 | 48,000,000                                                  | 20,582,000      | 20,592,200 | 42.8792                                        | 42.9004                                              | -0.0213                                             |
| 1989 | 48,000,000                                                  | 21,890,000      | 21,900,800 | 45.6042                                        | 45.6267                                              | -0.0225                                             |
| 1990 | 48,695,000                                                  | 21,419,000      | 21,439,967 | 43.9860                                        | 44.0291                                              | -0.0431                                             |
| 1991 | 48,700,000                                                  | 21,300,000      | 21,315,125 | 43.7372                                        | 43.7682                                              | -0.0311                                             |
| 1992 | 48,700,000                                                  | 21,410,000      | 21,422,319 | 43.9630                                        | 43.9883                                              | -0.0253                                             |
| 1993 | 48,700,000                                                  | 20,579,000      | 20,608,631 | 42.2567                                        | 42.3175                                              | -0.0608                                             |
| 1994 | 48,700,000                                                  | 20,943,000      | 21,008,851 | 43.0041                                        | 43.1393                                              | -0.1352                                             |
| 1995 | 48,700,000                                                  | 21,217,000      | 21,244,200 | 43.5667                                        | 43.6226                                              | -0.0559                                             |
| 1996 | 48,700,000                                                  | 21,962,000      | 21,975,200 | 45.0965                                        | 45.1236                                              | -0.0271                                             |
| 1997 | 48,700,000                                                  | 22,991,000      | 23,058,300 | 47.2094                                        | 47.3476                                              | -0.1382                                             |
| 1998 | 48,700,000                                                  | 23,866,000      | 23,882,200 | 49.0062                                        | 49.0394                                              | -0.0333                                             |
| 1999 | 48,700,000                                                  | 23,866,000      | 23,882,200 | 49.0062                                        | 49.0394                                              | -0.0333                                             |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

1 Se considera como terrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 22.1  
México: Oferta y demanda total de madera terciada  
(Metros cúbicos)

| Año  | OFERTA              |                        | OFERTA = DEMANDA         | DEMANDA          |                        |
|------|---------------------|------------------------|--------------------------|------------------|------------------------|
|      | Producción<br>( a ) | Importaciones<br>( b ) | ( c = a+b )<br>(c = d+e) | Consumo<br>( d ) | Exportaciones<br>( e ) |
| 1961 | 47,100              | 800                    | 47,900                   | 43,000           | 4,900                  |
| 1962 | 46,500              | 700                    | 47,200                   | 41,000           | 6,200                  |
| 1963 | 49,000              | 1,100                  | 50,100                   | 43,700           | 6,400                  |
| 1964 | 56,700              | 1,900                  | 58,600                   | 54,400           | 4,200                  |
| 1965 | 63,900              | 2,600                  | 66,500                   | 63,100           | 3,400                  |
| 1966 | 69,000              | 5,500                  | 74,500                   | 72,300           | 2,200                  |
| 1967 | 79,000              | 8,300                  | 87,300                   | 84,800           | 2,500                  |
| 1968 | 78,000              | 8,600                  | 86,600                   | 84,300           | 2,300                  |
| 1969 | 78,000              | 9,000                  | 87,000                   | 84,800           | 2,200                  |
| 1970 | 96,000              | 6,200                  | 102,200                  | 101,300          | 900                    |
| 1971 | 99,000              | 3,200                  | 102,200                  | 101,800          | 400                    |
| 1972 | 104,000             | 3,000                  | 107,000                  | 106,300          | 700                    |
| 1973 | 118,000             | 4,700                  | 122,700                  | 121,700          | 1,000                  |
| 1974 | 111,000             | 17,400                 | 128,400                  | 128,000          | 400                    |
| 1975 | 110,000             | 15,900                 | 125,900                  | 125,800          | 100                    |
| 1976 | 139,000             | 13,900                 | 152,900                  | 151,900          | 1,000                  |
| 1977 | 171,000             | 4,600                  | 175,600                  | 166,400          | 9,200                  |
| 1978 | 188,000             | 4,800                  | 192,800                  | 178,900          | 13,900                 |
| 1979 | 206,000             | 10,900                 | 216,900                  | 212,300          | 4,600                  |
| 1980 | 254,000             | 18,800                 | 272,800                  | 249,400          | 23,400                 |
| 1981 | 304,000             | 13,800                 | 317,800                  | 312,900          | 4,900                  |
| 1982 | 313,000             | 7,500                  | 320,500                  | 320,100          | 400                    |
| 1983 | 286,000             | 7,500                  | 293,500                  | 279,200          | 14,300                 |
| 1984 | 286,000             | 15,900                 | 301,900                  | 287,600          | 14,300                 |
| 1985 | 271,000             | 17,000                 | 288,000                  | 273,000          | 15,000                 |
| 1986 | 272,000             | 10,400                 | 282,400                  | 269,500          | 12,900                 |
| 1987 | 280,000             | 13,200                 | 293,200                  | 281,500          | 11,700                 |
| 1988 | 229,000             | 39,900                 | 268,900                  | 258,300          | 10,600                 |
| 1989 | 184,000             | 65,600                 | 249,600                  | 243,000          | 6,600                  |
| 1990 | 157,000             | 102,300                | 259,300                  | 256,600          | 2,700                  |
| 1991 | 184,000             | 212,100                | 396,100                  | 394,000          | 2,100                  |
| 1992 | 150,000             | 158,810                | 308,810                  | 308,225          | 585                    |
| 1993 | 136,000             | 292,300                | 428,300                  | 426,828          | 1,472                  |
| 1994 | 132,000             | 239,000                | 371,000                  | 368,600          | 2,400                  |
| 1995 | 0                   | 108,000                | 108,000                  | 86,600           | 21,400                 |
| 1996 | 0                   | 107,000                | 107,000                  | 90,500           | 16,500                 |
| 1997 | 0                   | 190,000                | 190,000                  | 180,000          | 10,000                 |
| 1998 | 0                   | 236,000                | 236,000                  | 233,900          | 2,100                  |
| 1999 | 0                   | 236,000                | 236,000                  | 233,900          | 2,100                  |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFM de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 22.2**  
**México: Balance interno de madera terciada**  
(Metros cúbicos)

| <b>Año</b>  | <b>Producción</b> | <b>Consumo</b> | <b>Balance interno</b> |
|-------------|-------------------|----------------|------------------------|
| <b>1961</b> | 47,100            | 43,000         | 4,100                  |
| <b>1962</b> | 46,500            | 41,000         | 5,500                  |
| <b>1963</b> | 49,000            | 43,700         | 5,300                  |
| <b>1964</b> | 56,700            | 54,400         | 2,300                  |
| <b>1965</b> | 63,900            | 63,100         | 800                    |
| <b>1966</b> | 69,000            | 72,300         | -3,300                 |
| <b>1967</b> | 79,000            | 84,800         | -5,800                 |
| <b>1968</b> | 78,000            | 84,300         | -6,300                 |
| <b>1969</b> | 78,000            | 84,800         | -6,800                 |
| <b>1970</b> | 96,000            | 101,300        | -5,300                 |
| <b>1971</b> | 99,000            | 101,800        | -2,800                 |
| <b>1972</b> | 104,000           | 106,300        | -2,300                 |
| <b>1973</b> | 118,000           | 121,700        | -3,700                 |
| <b>1974</b> | 111,000           | 128,000        | -17,000                |
| <b>1975</b> | 110,000           | 125,800        | -15,800                |
| <b>1976</b> | 139,000           | 151,900        | -12,900                |
| <b>1977</b> | 171,000           | 166,400        | 4,600                  |
| <b>1978</b> | 188,000           | 178,900        | 9,100                  |
| <b>1979</b> | 206,000           | 212,300        | -6,300                 |
| <b>1980</b> | 254,000           | 249,400        | 4,600                  |
| <b>1981</b> | 304,000           | 312,900        | -8,900                 |
| <b>1982</b> | 313,000           | 320,100        | -7,100                 |
| <b>1983</b> | 286,000           | 279,200        | 6,800                  |
| <b>1984</b> | 286,000           | 287,600        | -1,600                 |
| <b>1985</b> | 271,000           | 273,000        | -2,000                 |
| <b>1986</b> | 272,000           | 269,500        | 2,500                  |
| <b>1987</b> | 280,000           | 281,500        | -1,500                 |
| <b>1988</b> | 229,000           | 258,300        | -29,300                |
| <b>1989</b> | 184,000           | 243,000        | -59,000                |
| <b>1990</b> | 157,000           | 256,600        | -99,600                |
| <b>1991</b> | 184,000           | 394,000        | -210,000               |
| <b>1992</b> | 150,000           | 308,225        | -158,225               |
| <b>1993</b> | 136,000           | 426,828        | -290,828               |
| <b>1994</b> | 132,000           | 368,600        | -236,600               |
| <b>1995</b> | 0                 | 86,600         | -86,600                |
| <b>1996</b> | 0                 | 90,500         | -90,500                |
| <b>1997</b> | 0                 | 180,000        | -180,000               |
| <b>1998</b> | 0                 | 233,900        | -233,900               |
| <b>1999</b> | 0                 | 233,900        | -233,900               |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 22.3

México: Obtención de madera terciada por hectárea

(centímetros cúbicos)

| Año  | Tierra forestal y montes abiertos <sup>1</sup><br>Hectáreas | Madera terciada |         | Obtención de madera terciada                   |                                                      |                                                     |
|------|-------------------------------------------------------------|-----------------|---------|------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
|      |                                                             | Producción      | Consumo | Producción / Tierra forestal y montes abiertos | Consumo aparente / Tierra forestal y montes abiertos | Balance interno / Tierra forestal y montes abiertos |
| 1961 | 58,570,000                                                  | 47,100          | 43,000  | 0.0804                                         | 0.0734                                               | 0.0070                                              |
| 1962 | 58,040,000                                                  | 46,500          | 41,000  | 0.0801                                         | 0.0706                                               | 0.0095                                              |
| 1963 | 57,510,000                                                  | 49,000          | 43,700  | 0.0852                                         | 0.0760                                               | 0.0092                                              |
| 1964 | 56,980,000                                                  | 56,700          | 54,400  | 0.0995                                         | 0.0955                                               | 0.0040                                              |
| 1965 | 56,450,000                                                  | 63,900          | 63,100  | 0.1132                                         | 0.1118                                               | 0.0014                                              |
| 1966 | 55,920,000                                                  | 69,000          | 72,300  | 0.1234                                         | 0.1293                                               | -0.0059                                             |
| 1967 | 55,390,000                                                  | 79,000          | 84,800  | 0.1426                                         | 0.1531                                               | -0.0105                                             |
| 1968 | 54,860,000                                                  | 78,000          | 84,300  | 0.1422                                         | 0.1537                                               | -0.0115                                             |
| 1969 | 54,330,000                                                  | 78,000          | 84,800  | 0.1436                                         | 0.1561                                               | -0.0125                                             |
| 1970 | 53,800,000                                                  | 96,000          | 101,300 | 0.1784                                         | 0.1883                                               | -0.0099                                             |
| 1971 | 53,270,000                                                  | 99,000          | 101,800 | 0.1858                                         | 0.1911                                               | -0.0053                                             |
| 1972 | 52,740,000                                                  | 104,000         | 106,300 | 0.1972                                         | 0.2016                                               | -0.0044                                             |
| 1973 | 52,210,000                                                  | 118,000         | 121,700 | 0.2260                                         | 0.2331                                               | -0.0071                                             |
| 1974 | 51,680,000                                                  | 111,000         | 128,000 | 0.2148                                         | 0.2477                                               | -0.0329                                             |
| 1975 | 51,150,000                                                  | 110,000         | 125,800 | 0.2151                                         | 0.2459                                               | -0.0309                                             |
| 1976 | 50,620,000                                                  | 139,000         | 151,900 | 0.2746                                         | 0.3001                                               | -0.0255                                             |
| 1977 | 50,090,000                                                  | 171,000         | 166,400 | 0.3414                                         | 0.3322                                               | 0.0092                                              |
| 1978 | 49,560,000                                                  | 188,000         | 178,900 | 0.3793                                         | 0.3610                                               | 0.0184                                              |
| 1979 | 48,700,000                                                  | 206,000         | 212,300 | 0.4230                                         | 0.4359                                               | -0.0129                                             |
| 1980 | 47,840,000                                                  | 254,000         | 249,400 | 0.5309                                         | 0.5213                                               | 0.0096                                              |
| 1981 | 47,300,000                                                  | 304,000         | 312,900 | 0.6427                                         | 0.6615                                               | -0.0188                                             |
| 1982 | 46,770,000                                                  | 313,000         | 320,100 | 0.6692                                         | 0.6844                                               | -0.0152                                             |
| 1983 | 46,240,000                                                  | 286,000         | 279,200 | 0.6185                                         | 0.6038                                               | 0.0147                                              |
| 1984 | 47,000,000                                                  | 286,000         | 287,600 | 0.6085                                         | 0.6119                                               | -0.0034                                             |
| 1985 | 47,000,000                                                  | 271,000         | 273,000 | 0.5766                                         | 0.5809                                               | -0.0043                                             |
| 1986 | 47,000,000                                                  | 272,000         | 269,500 | 0.5787                                         | 0.5734                                               | 0.0053                                              |
| 1987 | 48,000,000                                                  | 280,000         | 281,500 | 0.5833                                         | 0.5865                                               | -0.0031                                             |
| 1988 | 48,000,000                                                  | 229,000         | 258,300 | 0.4771                                         | 0.5381                                               | -0.0610                                             |
| 1989 | 48,000,000                                                  | 184,000         | 243,000 | 0.3833                                         | 0.5063                                               | -0.1229                                             |
| 1990 | 48,695,000                                                  | 157,000         | 256,600 | 0.3224                                         | 0.5270                                               | -0.2045                                             |
| 1991 | 48,700,000                                                  | 184,000         | 394,000 | 0.3778                                         | 0.8090                                               | -0.4312                                             |
| 1992 | 48,700,000                                                  | 150,000         | 308,225 | 0.3080                                         | 0.6329                                               | -0.3249                                             |
| 1993 | 48,700,000                                                  | 136,000         | 426,828 | 0.2793                                         | 0.8764                                               | -0.5972                                             |
| 1994 | 48,700,000                                                  | 132,000         | 368,600 | 0.2710                                         | 0.7569                                               | -0.4858                                             |
| 1995 | 48,700,000                                                  | 0               | 86,600  | 0.0000                                         | 0.1778                                               | -0.1778                                             |
| 1996 | 48,700,000                                                  | 0               | 90,500  | 0.0000                                         | 0.1858                                               | -0.1858                                             |
| 1997 | 48,700,000                                                  | 0               | 180,000 | 0.0000                                         | 0.3696                                               | -0.3696                                             |
| 1998 | 48,700,000                                                  | 0               | 233,900 | 0.0000                                         | 0.4803                                               | -0.4803                                             |
| 1999 | 48,700,000                                                  | 0               | 233,900 | 0.0000                                         | 0.4803                                               | -0.4803                                             |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

1 Se considera como terrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 23.1

## México: Oferta y demanda total de tableros de madera

(Metros cúbicos)

| Año  | OFERTA              |                        | OFERTA = DEMANDA         | DEMANDA          |                        |
|------|---------------------|------------------------|--------------------------|------------------|------------------------|
|      | Producción<br>( a ) | Importaciones<br>( b ) | ( c = a+b )<br>(c = d+e) | Consumo<br>( d ) | Exportaciones<br>( e ) |
| 1961 | 68,200              | 2,700                  | 70,900                   | 65,100           | 5,800                  |
| 1962 | 75,600              | 3,000                  | 78,600                   | 70,800           | 7,800                  |
| 1963 | 77,200              | 3,200                  | 80,400                   | 69,900           | 10,500                 |
| 1964 | 91,100              | 4,900                  | 96,000                   | 89,200           | 6,800                  |
| 1965 | 98,600              | 4,100                  | 102,700                  | 97,800           | 4,900                  |
| 1966 | 117,300             | 8,227                  | 125,527                  | 122,590          | 2,937                  |
| 1967 | 129,300             | 12,148                 | 141,448                  | 138,532          | 2,916                  |
| 1968 | 149,400             | 11,801                 | 161,201                  | 157,848          | 3,353                  |
| 1969 | 164,500             | 12,527                 | 177,027                  | 168,509          | 8,518                  |
| 1970 | 173,500             | 9,101                  | 182,601                  | 180,232          | 2,369                  |
| 1971 | 178,700             | 6,395                  | 185,095                  | 181,857          | 3,238                  |
| 1972 | 187,700             | 3,500                  | 191,200                  | 187,767          | 3,433                  |
| 1973 | 219,300             | 8,500                  | 227,800                  | 225,015          | 2,785                  |
| 1974 | 227,000             | 38,300                 | 265,300                  | 263,436          | 1,864                  |
| 1975 | 252,700             | 23,000                 | 275,700                  | 273,394          | 2,306                  |
| 1976 | 270,400             | 30,700                 | 301,100                  | 295,699          | 5,401                  |
| 1977 | 362,100             | 23,700                 | 385,800                  | 373,000          | 12,800                 |
| 1978 | 404,000             | 19,200                 | 423,200                  | 407,400          | 15,800                 |
| 1979 | 441,600             | 58,200                 | 499,800                  | 493,300          | 6,500                  |
| 1980 | 604,000             | 74,300                 | 678,300                  | 654,600          | 23,700                 |
| 1981 | 683,000             | 61,400                 | 744,400                  | 739,200          | 5,200                  |
| 1982 | 761,000             | 34,400                 | 795,400                  | 794,700          | 700                    |
| 1983 | 695,500             | 34,400                 | 729,900                  | 715,300          | 14,600                 |
| 1984 | 732,300             | 42,800                 | 775,100                  | 760,500          | 14,600                 |
| 1985 | 764,300             | 50,300                 | 814,600                  | 799,300          | 15,300                 |
| 1986 | 756,300             | 36,800                 | 793,100                  | 779,900          | 13,200                 |
| 1987 | 768,300             | 25,300                 | 793,600                  | 781,700          | 11,900                 |
| 1988 | 753,300             | 64,000                 | 817,300                  | 804,300          | 13,000                 |
| 1989 | 645,300             | 116,200                | 761,500                  | 754,600          | 6,900                  |
| 1990 | 553,000             | 134,100                | 687,100                  | 684,300          | 2,800                  |
| 1991 | 653,000             | 263,500                | 916,500                  | 914,300          | 2,200                  |
| 1992 | 619,000             | 228,733                | 847,733                  | 818,197          | 29,536                 |
| 1993 | 601,000             | 353,900                | 954,900                  | 933,651          | 21,249                 |
| 1994 | 606,000             | 293,200                | 899,200                  | 870,623          | 28,577                 |
| 1995 | 0                   | 225,100                | 225,100                  | 66,600           | 158,500                |
| 1996 | 0                   | 270,300                | 270,300                  | 158,300          | 112,000                |
| 1997 | 0                   | 314,200                | 314,200                  | 204,000          | 110,200                |
| 1998 | 0                   | 359,300                | 359,300                  | 321,400          | 37,900                 |
| 1999 | 0                   | 359,300                | 359,300                  | 321,400          | 37,900                 |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFM de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 23.2**  
**México: Balance interno de tableros madera**  
(Metros cúbicos)

| <b>Año</b>  | <b>Producción</b> | <b>Consumo</b> | <b>Balance interno</b> |
|-------------|-------------------|----------------|------------------------|
| <b>1961</b> | 68,200            | 65,100         | 3,100                  |
| <b>1962</b> | 75,600            | 70,800         | 4,800                  |
| <b>1963</b> | 77,200            | 69,900         | 7,300                  |
| <b>1964</b> | 91,100            | 89,200         | 1,900                  |
| <b>1965</b> | 98,600            | 97,800         | 800                    |
| <b>1966</b> | 117,300           | 122,590        | -5,290                 |
| <b>1967</b> | 129,300           | 138,532        | -9,232                 |
| <b>1968</b> | 149,400           | 157,848        | -8,448                 |
| <b>1969</b> | 164,500           | 168,509        | -4,009                 |
| <b>1970</b> | 173,500           | 180,232        | -6,732                 |
| <b>1971</b> | 178,700           | 181,857        | -3,157                 |
| <b>1972</b> | 187,700           | 187,767        | -67                    |
| <b>1973</b> | 219,300           | 225,015        | -5,715                 |
| <b>1974</b> | 227,000           | 263,436        | -36,436                |
| <b>1975</b> | 252,700           | 273,394        | -20,694                |
| <b>1976</b> | 270,400           | 295,699        | -25,299                |
| <b>1977</b> | 362,100           | 373,000        | -10,900                |
| <b>1978</b> | 404,000           | 407,400        | -3,400                 |
| <b>1979</b> | 441,600           | 493,300        | -51,700                |
| <b>1980</b> | 604,000           | 654,600        | -50,600                |
| <b>1981</b> | 683,000           | 739,200        | -56,200                |
| <b>1982</b> | 761,000           | 794,700        | -33,700                |
| <b>1983</b> | 695,500           | 715,300        | -19,800                |
| <b>1984</b> | 732,300           | 760,500        | -28,200                |
| <b>1985</b> | 764,300           | 799,300        | -35,000                |
| <b>1986</b> | 756,300           | 779,900        | -23,600                |
| <b>1987</b> | 768,300           | 781,700        | -13,400                |
| <b>1988</b> | 753,300           | 804,300        | -51,000                |
| <b>1989</b> | 645,300           | 754,600        | -109,300               |
| <b>1990</b> | 553,000           | 684,300        | -131,300               |
| <b>1991</b> | 653,000           | 914,300        | -261,300               |
| <b>1992</b> | 619,000           | 818,197        | -199,197               |
| <b>1993</b> | 601,000           | 933,651        | -332,651               |
| <b>1994</b> | 606,000           | 870,623        | -264,623               |
| <b>1995</b> | 0                 | 66,600         | -66,600                |
| <b>1996</b> | 0                 | 158,300        | -158,300               |
| <b>1997</b> | 0                 | 204,000        | -204,000               |
| <b>1998</b> | 0                 | 321,400        | -321,400               |
| <b>1999</b> | 0                 | 321,400        | -321,400               |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



SECTOR AGROPECUARIO

CUADRO 23.3

México: Obtención de tableros de madera

(centímetros cúbicos)

| Año  | Tierra forestal y montes abiertos <sup>1</sup><br>Hectáreas | Tableros   |         | Obtención de tableros de madera                |                                                      |                                                     |
|------|-------------------------------------------------------------|------------|---------|------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
|      |                                                             | Producción | Consumo | Producción / Tierra forestal y montes abiertos | Consumo aparente / Tierra forestal y montes abiertos | Balance interno / Tierra forestal y montes abiertos |
| 1961 | 58,570,000                                                  | 68,200     | 65,100  | 0.1164                                         | 0.1111                                               | 0.0053                                              |
| 1962 | 58,040,000                                                  | 75,600     | 70,800  | 0.1303                                         | 0.1220                                               | 0.0083                                              |
| 1963 | 57,510,000                                                  | 77,200     | 69,900  | 0.1342                                         | 0.1215                                               | 0.0127                                              |
| 1964 | 56,980,000                                                  | 91,100     | 89,200  | 0.1599                                         | 0.1565                                               | 0.0033                                              |
| 1965 | 56,450,000                                                  | 98,600     | 97,800  | 0.1747                                         | 0.1733                                               | 0.0014                                              |
| 1966 | 55,920,000                                                  | 117,300    | 122,590 | 0.2098                                         | 0.2192                                               | -0.0095                                             |
| 1967 | 55,390,000                                                  | 129,300    | 138,532 | 0.2334                                         | 0.2501                                               | -0.0167                                             |
| 1968 | 54,860,000                                                  | 149,400    | 157,848 | 0.2723                                         | 0.2877                                               | -0.0154                                             |
| 1969 | 54,330,000                                                  | 164,500    | 168,509 | 0.3028                                         | 0.3102                                               | -0.0074                                             |
| 1970 | 53,800,000                                                  | 173,500    | 180,232 | 0.3225                                         | 0.3350                                               | -0.0125                                             |
| 1971 | 53,270,000                                                  | 178,700    | 181,857 | 0.3355                                         | 0.3414                                               | -0.0059                                             |
| 1972 | 52,740,000                                                  | 187,700    | 187,767 | 0.3559                                         | 0.3560                                               | -0.0001                                             |
| 1973 | 52,210,000                                                  | 219,300    | 225,015 | 0.4200                                         | 0.4310                                               | -0.0109                                             |
| 1974 | 51,680,000                                                  | 227,000    | 263,436 | 0.4392                                         | 0.5097                                               | -0.0705                                             |
| 1975 | 51,150,000                                                  | 252,700    | 273,394 | 0.4940                                         | 0.5345                                               | -0.0405                                             |
| 1976 | 50,620,000                                                  | 270,400    | 295,699 | 0.5342                                         | 0.5842                                               | -0.0500                                             |
| 1977 | 50,090,000                                                  | 362,100    | 373,000 | 0.7229                                         | 0.7447                                               | -0.0218                                             |
| 1978 | 49,560,000                                                  | 404,000    | 407,400 | 0.8152                                         | 0.8220                                               | -0.0069                                             |
| 1979 | 48,700,000                                                  | 441,600    | 493,300 | 0.9068                                         | 1.0129                                               | -0.1062                                             |
| 1980 | 47,840,000                                                  | 604,000    | 654,600 | 1.2625                                         | 1.3683                                               | -0.1058                                             |
| 1981 | 47,300,000                                                  | 683,000    | 739,200 | 1.4440                                         | 1.5628                                               | -0.1188                                             |
| 1982 | 46,770,000                                                  | 761,000    | 794,700 | 1.6271                                         | 1.6992                                               | -0.0721                                             |
| 1983 | 46,240,000                                                  | 695,500    | 715,300 | 1.5041                                         | 1.5469                                               | -0.0428                                             |
| 1984 | 47,000,000                                                  | 732,300    | 760,500 | 1.5581                                         | 1.6181                                               | -0.0600                                             |
| 1985 | 47,000,000                                                  | 764,300    | 799,300 | 1.6262                                         | 1.7006                                               | -0.0745                                             |
| 1986 | 47,000,000                                                  | 756,300    | 779,900 | 1.6091                                         | 1.6594                                               | -0.0502                                             |
| 1987 | 48,000,000                                                  | 768,300    | 781,700 | 1.6006                                         | 1.6285                                               | -0.0279                                             |
| 1988 | 48,000,000                                                  | 753,300    | 804,300 | 1.5694                                         | 1.6756                                               | -0.1063                                             |
| 1989 | 48,000,000                                                  | 645,300    | 754,600 | 1.3444                                         | 1.5721                                               | -0.2277                                             |
| 1990 | 48,695,000                                                  | 553,000    | 684,300 | 1.1356                                         | 1.4053                                               | -0.2696                                             |
| 1991 | 48,700,000                                                  | 653,000    | 914,300 | 1.3409                                         | 1.8774                                               | -0.5366                                             |
| 1992 | 48,700,000                                                  | 619,000    | 818,197 | 1.2710                                         | 1.6801                                               | -0.4090                                             |
| 1993 | 48,700,000                                                  | 601,000    | 933,651 | 1.2341                                         | 1.9171                                               | -0.6831                                             |
| 1994 | 48,700,000                                                  | 606,000    | 870,623 | 1.2444                                         | 1.7877                                               | -0.5434                                             |
| 1995 | 48,700,000                                                  | 0          | 66,600  | 0.0000                                         | 0.1368                                               | -0.1368                                             |
| 1996 | 48,700,000                                                  | 0          | 158,300 | 0.0000                                         | 0.3251                                               | -0.3251                                             |
| 1997 | 48,700,000                                                  | 0          | 204,000 | 0.0000                                         | 0.4189                                               | -0.4189                                             |
| 1998 | 48,700,000                                                  | 0          | 321,400 | 0.0000                                         | 0.6600                                               | -0.6600                                             |
| 1999 | 48,700,000                                                  | 0          | 321,400 | 0.0000                                         | 0.6600                                               | -0.6600                                             |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

1 Se considera como terrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFPA de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 24.1  
México: Oferta y demanda total de trozas  
(Metros cúbicos)

| Año  | OFERTA     |               | OFERTA = DEMANDA | DEMANDA   |               |
|------|------------|---------------|------------------|-----------|---------------|
|      | Producción | Importaciones | ( c = a+b )      | Consumo   | Exportaciones |
|      | ( a )      | ( b )         | ( c = d+e )      | ( d )     | ( e )         |
| 1961 | 1,958,000  | 16,500        | 1,974,500        | 1,974,300 | 200           |
| 1962 | 2,439,000  | 11,100        | 2,450,100        | 2,450,000 | 100           |
| 1963 | 2,665,000  | 6,400         | 2,671,400        | 2,670,700 | 700           |
| 1964 | 3,062,000  | 5,900         | 3,067,900        | 3,066,900 | 1,000         |
| 1965 | 3,245,000  | 10,100        | 3,255,100        | 3,253,800 | 1,300         |
| 1966 | 2,702,000  | 14,900        | 2,716,900        | 2,716,900 | 0             |
| 1967 | 3,437,000  | 5,600         | 3,442,600        | 3,442,600 | 0             |
| 1968 | 3,467,000  | 3,300         | 3,470,300        | 3,470,300 | 0             |
| 1969 | 3,756,000  | 1,700         | 3,757,700        | 3,757,700 | 0             |
| 1970 | 3,996,000  | 7,600         | 4,003,600        | 4,003,600 | 0             |
| 1971 | 3,601,000  | 3,700         | 3,604,700        | 3,604,700 | 0             |
| 1972 | 3,852,000  | 3,900         | 3,855,900        | 3,855,900 | 0             |
| 1973 | 4,185,000  | 7,700         | 4,192,700        | 4,192,700 | 0             |
| 1974 | 4,629,000  | 3,700         | 4,632,700        | 4,632,700 | 0             |
| 1975 | 4,563,000  | 2,000         | 4,565,000        | 4,564,100 | 900           |
| 1976 | 4,884,000  | 8,700         | 4,892,700        | 4,870,800 | 21,900        |
| 1977 | 4,736,000  | 4,000         | 4,740,000        | 4,740,000 | 0             |
| 1978 | 2,680,000  | 4,000         | 2,684,000        | 2,684,000 | 0             |
| 1979 | 3,274,000  | 24,200        | 3,298,200        | 3,298,200 | 0             |
| 1980 | 3,472,000  | 36,300        | 3,508,300        | 3,508,300 | 0             |
| 1981 | 3,575,000  | 8,600         | 3,583,600        | 3,583,600 | 0             |
| 1982 | 3,879,000  | 9,600         | 3,888,600        | 3,888,600 | 0             |
| 1983 | 3,992,000  | 9,600         | 4,001,600        | 4,001,600 | 0             |
| 1984 | 4,088,000  | 9,600         | 4,097,600        | 4,097,600 | 0             |
| 1985 | 4,372,000  | 5,400         | 4,377,400        | 4,377,400 | 0             |
| 1986 | 3,947,000  | 6,300         | 3,953,300        | 3,953,300 | 0             |
| 1987 | 4,324,000  | 12,100        | 4,336,100        | 4,336,100 | 0             |
| 1988 | 4,199,000  | 1,500         | 4,200,500        | 4,200,500 | 0             |
| 1989 | 5,806,000  | 2,100         | 5,808,100        | 5,808,100 | 0             |
| 1990 | 5,487,000  | 0             | 5,487,000        | 5,487,000 | 0             |
| 1991 | 5,390,000  | 0             | 5,390,000        | 5,390,000 | 0             |
| 1992 | 5,476,000  | 0             | 5,476,000        | 5,476,000 | 0             |
| 1993 | 4,608,000  | 0             | 4,608,000        | 4,608,000 | 0             |
| 1994 | 4,904,000  | 0             | 4,904,000        | 4,904,000 | 0             |
| 1995 | 4,728,000  | 0             | 4,728,000        | 4,728,000 | 0             |
| 1996 | 5,097,000  | 0             | 5,097,000        | 5,097,000 | 0             |
| 1997 | 5,921,000  | 0             | 5,921,000        | 5,921,000 | 0             |
| 1998 | 6,520,000  | 0             | 6,520,000        | 6,520,000 | 0             |
| 1999 | 6,520,000  | 0             | 6,520,000        | 6,520,000 | 0             |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 24.2**  
**México: Balance interno de trozas**  
(Metros cúbicos)

| <b>Año</b>  | <b>Producción</b> | <b>Consumo</b> | <b>Balance interno</b> |
|-------------|-------------------|----------------|------------------------|
| <b>1961</b> | 1,958,000         | 1,974,300      | -16,300                |
| <b>1962</b> | 2,439,000         | 2,450,000      | -11,000                |
| <b>1963</b> | 2,665,000         | 2,670,700      | -5,700                 |
| <b>1964</b> | 3,062,000         | 3,066,900      | -4,900                 |
| <b>1965</b> | 3,245,000         | 3,253,800      | -8,800                 |
| <b>1966</b> | 2,702,000         | 2,716,900      | -14,900                |
| <b>1967</b> | 3,437,000         | 3,442,600      | -5,600                 |
| <b>1968</b> | 3,467,000         | 3,470,300      | -3,300                 |
| <b>1969</b> | 3,756,000         | 3,757,700      | -1,700                 |
| <b>1970</b> | 3,996,000         | 4,003,600      | -7,600                 |
| <b>1971</b> | 3,601,000         | 3,604,700      | -3,700                 |
| <b>1972</b> | 3,852,000         | 3,855,900      | -3,900                 |
| <b>1973</b> | 4,185,000         | 4,192,700      | -7,700                 |
| <b>1974</b> | 4,629,000         | 4,632,700      | -3,700                 |
| <b>1975</b> | 4,563,000         | 4,564,100      | -1,100                 |
| <b>1976</b> | 4,884,000         | 4,870,800      | 13,200                 |
| <b>1977</b> | 4,736,000         | 4,740,000      | -4,000                 |
| <b>1978</b> | 2,680,000         | 2,684,000      | -4,000                 |
| <b>1979</b> | 3,274,000         | 3,298,200      | -24,200                |
| <b>1980</b> | 3,472,000         | 3,508,300      | -36,300                |
| <b>1981</b> | 3,575,000         | 3,583,600      | -8,600                 |
| <b>1982</b> | 3,879,000         | 3,888,600      | -9,600                 |
| <b>1983</b> | 3,992,000         | 4,001,600      | -9,600                 |
| <b>1984</b> | 4,088,000         | 4,097,600      | -9,600                 |
| <b>1985</b> | 4,372,000         | 4,377,400      | -5,400                 |
| <b>1986</b> | 3,947,000         | 3,953,300      | -6,300                 |
| <b>1987</b> | 4,324,000         | 4,336,100      | -12,100                |
| <b>1988</b> | 4,199,000         | 4,200,500      | -1,500                 |
| <b>1989</b> | 5,806,000         | 5,808,100      | -2,100                 |
| <b>1990</b> | 5,487,000         | 5,487,000      | 0                      |
| <b>1991</b> | 5,390,000         | 5,390,000      | 0                      |
| <b>1992</b> | 5,476,000         | 5,476,000      | 0                      |
| <b>1993</b> | 4,608,000         | 4,608,000      | 0                      |
| <b>1994</b> | 4,904,000         | 4,904,000      | 0                      |
| <b>1995</b> | 4,728,000         | 4,728,000      | 0                      |
| <b>1996</b> | 5,097,000         | 5,097,000      | 0                      |
| <b>1997</b> | 5,921,000         | 5,921,000      | 0                      |
| <b>1998</b> | 6,520,000         | 6,520,000      | 0                      |
| <b>1999</b> | 6,520,000         | 6,520,000      | 0                      |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 24.3

## México: Obtención de trozas por hectárea (centímetros cúbicos)

| Año  | Tierra forestal y<br>montes abiertos <sup>1</sup><br>Hectáreas | Trozas     |           | Obtención de Trozas                               |                                                         |                                                        |
|------|----------------------------------------------------------------|------------|-----------|---------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|
|      |                                                                | Producción | Consumo   | Producción / Tierra forestal y<br>montes abiertos | Consumo aparente / Tierra<br>forestal y montes abiertos | Balance interno / Tierra<br>forestal y montes abiertos |
| 1961 | 58,570,000                                                     | 1,958,000  | 1,974,300 | 3.3430                                            | 3.3708                                                  | -0.0188                                                |
| 1962 | 58,040,000                                                     | 2,439,000  | 2,450,000 | 4.2023                                            | 4.2212                                                  | -0.0098                                                |
| 1963 | 57,510,000                                                     | 2,665,000  | 2,670,700 | 4.6340                                            | 4.6439                                                  | -0.0085                                                |
| 1964 | 56,980,000                                                     | 3,062,000  | 3,066,900 | 5.3738                                            | 5.3824                                                  | -0.0154                                                |
| 1965 | 56,450,000                                                     | 3,245,000  | 3,253,800 | 5.7484                                            | 5.7640                                                  | -0.0264                                                |
| 1966 | 55,920,000                                                     | 2,702,000  | 2,716,900 | 4.8319                                            | 4.8585                                                  | -0.0100                                                |
| 1967 | 55,390,000                                                     | 3,437,000  | 3,442,600 | 6.2051                                            | 6.2152                                                  | -0.0060                                                |
| 1968 | 54,860,000                                                     | 3,467,000  | 3,470,300 | 6.3197                                            | 6.3257                                                  | -0.0031                                                |
| 1969 | 54,330,000                                                     | 3,756,000  | 3,757,700 | 6.9133                                            | 6.9164                                                  | -0.0140                                                |
| 1970 | 53,800,000                                                     | 3,996,000  | 4,003,600 | 7.4275                                            | 7.4416                                                  | -0.0069                                                |
| 1971 | 53,270,000                                                     | 3,601,000  | 3,604,700 | 6.7599                                            | 6.7668                                                  | -0.0073                                                |
| 1972 | 52,740,000                                                     | 3,852,000  | 3,855,900 | 7.3038                                            | 7.3111                                                  | -0.0146                                                |
| 1973 | 52,210,000                                                     | 4,185,000  | 4,192,700 | 8.0157                                            | 8.0305                                                  | -0.0071                                                |
| 1974 | 51,680,000                                                     | 4,629,000  | 4,632,700 | 8.9570                                            | 8.9642                                                  | -0.0021                                                |
| 1975 | 51,150,000                                                     | 4,563,000  | 4,564,100 | 8.9208                                            | 8.9230                                                  | 0.0258                                                 |
| 1976 | 50,620,000                                                     | 4,884,000  | 4,870,800 | 9.6484                                            | 9.6223                                                  | -0.0079                                                |
| 1977 | 50,090,000                                                     | 4,736,000  | 4,740,000 | 9.4550                                            | 9.4630                                                  | -0.0080                                                |
| 1978 | 49,560,000                                                     | 2,680,000  | 2,684,000 | 5.4076                                            | 5.4157                                                  | -0.0488                                                |
| 1979 | 48,700,000                                                     | 3,274,000  | 3,298,200 | 6.7228                                            | 6.7725                                                  | -0.0745                                                |
| 1980 | 47,840,000                                                     | 3,472,000  | 3,508,300 | 7.2575                                            | 7.3334                                                  | -0.0180                                                |
| 1981 | 47,300,000                                                     | 3,575,000  | 3,583,600 | 7.5581                                            | 7.5763                                                  | -0.0203                                                |
| 1982 | 46,770,000                                                     | 3,879,000  | 3,888,600 | 8.2938                                            | 8.3143                                                  | -0.0205                                                |
| 1983 | 46,240,000                                                     | 3,992,000  | 4,001,600 | 8.6332                                            | 8.6540                                                  | -0.0208                                                |
| 1984 | 47,000,000                                                     | 4,088,000  | 4,097,600 | 8.6979                                            | 8.7183                                                  | -0.0115                                                |
| 1985 | 47,000,000                                                     | 4,372,000  | 4,377,400 | 9.3021                                            | 9.3136                                                  | -0.0134                                                |
| 1986 | 47,000,000                                                     | 3,947,000  | 3,953,300 | 8.3979                                            | 8.4113                                                  | -0.0257                                                |
| 1987 | 48,000,000                                                     | 4,324,000  | 4,336,100 | 9.0083                                            | 9.0335                                                  | -0.0031                                                |
| 1988 | 48,000,000                                                     | 4,199,000  | 4,200,500 | 8.7479                                            | 8.7510                                                  | -0.0044                                                |
| 1989 | 48,000,000                                                     | 5,806,000  | 5,808,100 | 12.0958                                           | 12.1002                                                 | 0.0000                                                 |
| 1990 | 48,695,000                                                     | 5,487,000  | 5,487,000 | 11.2681                                           | 11.2681                                                 | 0.0000                                                 |
| 1991 | 48,700,000                                                     | 5,390,000  | 5,390,000 | 11.0678                                           | 11.0678                                                 | 0.0000                                                 |
| 1992 | 48,700,000                                                     | 5,476,000  | 5,476,000 | 11.2444                                           | 11.2444                                                 | 0.0000                                                 |
| 1993 | 48,700,000                                                     | 4,608,000  | 4,608,000 | 9.4620                                            | 9.4620                                                  | 0.0000                                                 |
| 1994 | 48,700,000                                                     | 4,904,000  | 4,904,000 | 10.0698                                           | 10.0698                                                 | 0.0000                                                 |
| 1995 | 48,700,000                                                     | 4,728,000  | 4,728,000 | 9.7084                                            | 9.7084                                                  | 0.0000                                                 |
| 1996 | 48,700,000                                                     | 5,097,000  | 5,097,000 | 10.4661                                           | 10.4661                                                 | 0.0000                                                 |
| 1997 | 48,700,000                                                     | 5,921,000  | 5,921,000 | 12.1581                                           | 12.1581                                                 | 0.0000                                                 |
| 1998 | 48,700,000                                                     | 6,520,000  | 6,520,000 | 13.3881                                           | 13.3881                                                 | 0.0000                                                 |
| 1999 | 48,700,000                                                     | 6,520,000  | 6,520,000 | 13.3881                                           | 13.3881                                                 | 0.0000                                                 |

Nota: La clasificación puede no coincidir con la reportada por la SEMARNAP.

1 Se considera como terrenos forestales y montes abiertos, a las tierras con masas de árboles naturales o plantadas, sean productivas o no. Se incluyen los terrenos de los que se han talado los bosques y serán repoblados en un futuro y se excluyen los bosques utilizados con fines recreativos.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

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SECTOR AGROPECUARIO

CUADRO 25.1

México: Oferta y demanda total de café

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA             | DEMANDA                   |                |                |              |               |                                 |
|------|------------|---------------|------------------------------|---------------------------|----------------|----------------|--------------|---------------|---------------------------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+h-i ) | Consumo<br>aparente total | Desperdicios 1 | Transformación | Alimentación | Exportaciones | Cambio en las<br>existencias 1* |
|      | ( a )      | ( b )         |                              | ( d = e+f+g )             | ( e )          | ( f )          | ( g )        | ( h )         | ( i )                           |
| 1961 | 126,616    | 17            | 126,633                      | 32,872                    | 3,798          | 0              | 29,074       | 93,761        | 0                               |
| 1962 | 139,794    | 5             | 139,799                      | 42,512                    | 4,194          | 0              | 38,318       | 97,287        | 0                               |
| 1963 | 137,069    | 8             | 137,077                      | 66,009                    | 4,112          | 0              | 61,897       | 71,068        | 0                               |
| 1964 | 156,477    | 15            | 156,492                      | 49,491                    | 4,694          | 0              | 44,797       | 107,001       | 0                               |
| 1965 | 162,000    | 15            | 162,015                      | 80,943                    | 4,864          | 1              | 76,078       | 81,073        | 0                               |
| 1966 | 183,000    | 132           | 183,132                      | 85,933                    | 5,490          | 1              | 80,442       | 97,200        | 0                               |
| 1967 | 225,000    | 11            | 225,011                      | 115,462                   | 6,735          | 0              | 108,727      | 79,549        | 30,000                          |
| 1968 | 213,000    | 11            | 213,011                      | 82,698                    | 6,380          | 0              | 76,318       | 100,313       | 30,000                          |
| 1969 | 173,000    | 9             | 173,009                      | 92,448                    | 5,722          | 0              | 86,726       | 98,561        | -18,000                         |
| 1970 | 185,000    | 12            | 185,012                      | 98,787                    | 5,559          | 0              | 93,228       | 86,225        | 0                               |
| 1971 | 187,000    | 3             | 187,003                      | 88,405                    | 5,625          | 0              | 82,780       | 98,598        | 0                               |
| 1972 | 203,000    | 6             | 203,006                      | 89,943                    | 6,104          | 0              | 83,839       | 103,063       | 10,000                          |
| 1973 | 222,000    | 6             | 222,006                      | 77,414                    | 6,652          | -1             | 70,763       | 139,591       | 5,000                           |
| 1974 | 221,000    | 24            | 221,024                      | 100,070                   | 6,623          | -1             | 93,448       | 120,953       | 0                               |
| 1975 | 228,000    | 32            | 228,032                      | 83,667                    | 6,848          | -1             | 76,820       | 144,364       | 0                               |
| 1976 | 212,000    | 14            | 212,014                      | 66,560                    | 7,116          | 0              | 59,444       | 170,454       | -25,000                         |
| 1977 | 182,000    | 99            | 182,099                      | 63,984                    | 5,460          | 0              | 58,524       | 108,115       | 10,000                          |
| 1978 | 242,000    | 45            | 242,045                      | 71,045                    | 7,248          | 0              | 63,797       | 118,000       | 53,000                          |
| 1979 | 223,000    | 67            | 223,067                      | 106,494                   | 8,496          | -1             | 97,999       | 179,572       | -63,000                         |
| 1980 | 193,000    | 1,960         | 194,960                      | 58,534                    | 7,561          | 0              | 50,973       | 168,426       | -32,000                         |
| 1981 | 263,000    | 124           | 263,124                      | 106,305                   | 7,887          | 0              | 98,418       | 156,819       | 0                               |
| 1982 | 313,000    | 18            | 313,018                      | 111,870                   | 7,553          | -1             | 104,318      | 161,147       | 40,000                          |
| 1983 | 312,000    | 45            | 312,045                      | 110,982                   | 9,238          | 1              | 101,743      | 191,064       | 10,000                          |
| 1984 | 242,000    | 1             | 242,001                      | 85,309                    | 7,796          | -1             | 77,514       | 176,691       | -20,000                         |
| 1985 | 260,000    | 15            | 260,015                      | 59,616                    | 8,706          | 1              | 50,909       | 230,400       | -30,000                         |
| 1986 | 375,000    | 67            | 375,067                      | 98,761                    | 11,245         | -1             | 87,517       | 211,305       | 65,000                          |
| 1987 | 578,000    | 17            | 578,017                      | 367,416                   | 10,535         | 0              | 356,881      | 225,601       | -15,000                         |
| 1988 | 879,000    | 13            | 879,013                      | 656,949                   | 12,690         | 0              | 644,259      | 172,064       | 50,000                          |
| 1989 | 400,000    | 72            | 400,072                      | 224,430                   | 13,303         | 0              | 211,127      | 275,642       | -100,000                        |
| 1990 | 308,500    | 845           | 309,345                      | 45,649                    | 13,222         | 0              | 32,427       | 213,696       | 50,000                          |
| 1991 | 341,600    | 3,117         | 344,717                      | 155,987                   | 11,260         | 0              | 144,727      | 228,730       | -40,000                         |
| 1992 | 359,700    | 4,990         | 364,690                      | 146,149                   | 10,855         | -1             | 135,295      | 208,540       | 10,000                          |
| 1993 | 335,600    | 3,386         | 338,986                      | 148,446                   | 10,670         | -1             | 137,777      | 210,539       | -20,000                         |
| 1994 | 324,600    | 12,400        | 337,000                      | 124,820                   | 9,801          | 0              | 115,019      | 212,180       | 0                               |
| 1995 | 324,500    | 8,843         | 333,343                      | 121,813                   | 9,771          | 0              | 112,042      | 211,530       | 0                               |
| 1996 | 371,500    | 6,817         | 378,317                      | 92,173                    | 11,247         | 0              | 80,926       | 286,144       | 0                               |
| 1997 | 348,113    | 17,648        | 365,761                      | 102,611                   | 11,370         | 0              | 91,241       | 263,150       | 0                               |
| 1998 | 283,200    | 17,304        | 300,504                      | 63,786                    | 9,463          | 0              | 54,323       | 236,718       | 0                               |

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 25.2

**México: Balance interno de café**

(Toneladas)

| AÑO  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 126,616    | 32,872                 | 93,744.0        |
| 1962 | 139,794    | 42,512                 | 97,282.0        |
| 1963 | 137,069    | 66,009                 | 71,060.0        |
| 1964 | 156,477    | 49,491                 | 106,986.0       |
| 1965 | 162,000    | 80,943                 | 81,057.0        |
| 1966 | 183,000    | 85,933                 | 97,067.0        |
| 1967 | 225,000    | 115,462                | 109,538.0       |
| 1968 | 213,000    | 82,698                 | 130,302.0       |
| 1969 | 173,000    | 92,448                 | 80,552.0        |
| 1970 | 185,000    | 98,787                 | 86,213.0        |
| 1971 | 187,000    | 88,405                 | 98,595.0        |
| 1972 | 203,000    | 89,943                 | 113,057.0       |
| 1973 | 222,000    | 77,414                 | 144,586.0       |
| 1974 | 221,000    | 100,070                | 120,930.0       |
| 1975 | 228,000    | 83,667                 | 144,333.0       |
| 1976 | 212,000    | 66,560                 | 145,440.0       |
| 1977 | 182,000    | 63,984                 | 118,016.0       |
| 1978 | 242,000    | 71,045                 | 170,955.0       |
| 1979 | 223,000    | 106,494                | 116,506.0       |
| 1980 | 193,000    | 58,534                 | 134,466.0       |
| 1981 | 263,000    | 106,305                | 156,695.0       |
| 1982 | 313,000    | 111,870                | 201,130.0       |
| 1983 | 312,000    | 110,982                | 201,018.0       |
| 1984 | 242,000    | 85,309                 | 156,691.0       |
| 1985 | 260,000    | 59,616                 | 200,384.0       |
| 1986 | 375,000    | 98,761                 | 276,239.0       |
| 1987 | 578,000    | 367,416                | 210,584.0       |
| 1988 | 879,000    | 656,949                | 222,051.0       |
| 1989 | 400,000    | 224,430                | 175,570.0       |
| 1990 | 308,500    | 45,649                 | 262,851.0       |
| 1991 | 341,600    | 155,987                | 185,613.0       |
| 1992 | 359,700    | 146,149                | 213,551.0       |
| 1993 | 335,600    | 148,446                | 187,154.0       |
| 1994 | 324,600    | 124,820                | 199,780.0       |
| 1995 | 324,500    | 121,813                | 202,687.0       |
| 1996 | 371,500    | 92,173                 | 279,327.0       |
| 1997 | 348,113    | 102,611                | 245,502.0       |
| 1998 | 283,200    | 63,786                 | 219,414.0       |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



**SECTOR AGROPECUARIO**  
**CUADRO 25.3**  
**México: Rendimiento del café por hectárea**

| <b>AÑO</b> | <b>Superficie cosechada</b><br>(hectárea) | <b>Producción</b><br>(Toneladas) | <b>Rendimiento</b><br>(Toneladas / Hectárea) |
|------------|-------------------------------------------|----------------------------------|----------------------------------------------|
| 1961       | 307,320                                   | 126,616                          | 0.4120                                       |
| 1962       | 314,446                                   | 139,794                          | 0.4446                                       |
| 1963       | 322,819                                   | 137,069                          | 0.4246                                       |
| 1964       | 349,454                                   | 156,477                          | 0.4478                                       |
| 1965       | 350,000                                   | 162,000                          | 0.4629                                       |
| 1966       | 354,000                                   | 183,000                          | 0.5169                                       |
| 1967       | 388,000                                   | 225,000                          | 0.5799                                       |
| 1968       | 384,000                                   | 213,000                          | 0.5547                                       |
| 1969       | 308,000                                   | 173,000                          | 0.5617                                       |
| 1970       | 329,000                                   | 185,000                          | 0.5623                                       |
| 1971       | 381,000                                   | 187,000                          | 0.4908                                       |
| 1972       | 374,000                                   | 203,000                          | 0.5428                                       |
| 1973       | 379,000                                   | 222,000                          | 0.5858                                       |
| 1974       | 373,000                                   | 221,000                          | 0.5925                                       |
| 1975       | 374,000                                   | 228,000                          | 0.6096                                       |
| 1976       | 370,000                                   | 212,000                          | 0.5730                                       |
| 1977       | 389,000                                   | 182,000                          | 0.4679                                       |
| 1978       | 393,000                                   | 242,000                          | 0.6158                                       |
| 1979       | 402,000                                   | 223,000                          | 0.5547                                       |
| 1980       | 476,000                                   | 193,000                          | 0.4055                                       |
| 1981       | 419,000                                   | 263,000                          | 0.6277                                       |
| 1982       | 523,000                                   | 313,000                          | 0.5985                                       |
| 1983       | 581,000                                   | 312,000                          | 0.5370                                       |
| 1984       | 516,000                                   | 242,000                          | 0.4690                                       |
| 1985       | 456,000                                   | 260,000                          | 0.5702                                       |
| 1986       | 568,000                                   | 375,000                          | 0.6602                                       |
| 1987       | 626,000                                   | 578,000                          | 0.9233                                       |
| 1988       | 674,000                                   | 879,000                          | 1.3042                                       |
| 1989       | 678,100                                   | 400,000                          | 0.5899                                       |
| 1990       | 308,500                                   | 308,500                          | 1.0000                                       |
| 1991       | 341,600                                   | 341,600                          | 1.0000                                       |
| 1992       | 359,700                                   | 359,700                          | 1.0000                                       |
| 1993       | 335,600                                   | 335,600                          | 1.0000                                       |
| 1994       | 324,600                                   | 324,600                          | 1.0000                                       |
| 1995       | 324,500                                   | 324,500                          | 1.0000                                       |
| 1996       | 371,500                                   | 371,500                          | 1.0000                                       |
| 1997       | 348,113                                   | 348,113                          | 1.0000                                       |
| 1998       | 283,200                                   | 283,200                          | 1.0000                                       |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 25.4

## México: Producción y consumo de café por habitante

(Kilogramos)

| AÑO  | Población Nacional | Producción / Población | Consumo aparente / Población | Balance interno / Población |
|------|--------------------|------------------------|------------------------------|-----------------------------|
| 1961 | 36,214,784         | 3.4963                 | 0.9077                       | 2.5886                      |
| 1962 | 37,486,139         | 3.7292                 | 1.1341                       | 2.5951                      |
| 1963 | 38,800,538         | 3.5327                 | 1.7012                       | 1.8314                      |
| 1964 | 40,147,986         | 3.8975                 | 1.2327                       | 2.6648                      |
| 1965 | 41,535,828         | 3.9002                 | 1.9488                       | 1.9515                      |
| 1966 | 42,955,469         | 4.2602                 | 2.0005                       | 2.2597                      |
| 1967 | 44,397,880         | 5.0678                 | 2.6006                       | 2.4672                      |
| 1968 | 45,859,633         | 4.6446                 | 1.8033                       | 2.8413                      |
| 1969 | 47,337,557         | 3.6546                 | 1.9530                       | 1.7017                      |
| 1970 | 48,852,306         | 3.7869                 | 2.0222                       | 1.7648                      |
| 1971 | 50,393,091         | 3.7108                 | 1.7543                       | 1.9565                      |
| 1972 | 51,948,772         | 3.9077                 | 1.7314                       | 2.1763                      |
| 1973 | 53,517,788         | 4.1482                 | 1.4465                       | 2.7016                      |
| 1974 | 55,104,832         | 4.0105                 | 1.8160                       | 2.1945                      |
| 1975 | 56,687,703         | 4.0220                 | 1.4759                       | 2.5461                      |
| 1976 | 58,291,820         | 3.6369                 | 1.1418                       | 2.4950                      |
| 1977 | 59,900,617         | 3.0384                 | 1.0682                       | 1.9702                      |
| 1978 | 61,527,486         | 3.9332                 | 1.1547                       | 2.7785                      |
| 1979 | 63,161,213         | 3.5306                 | 1.6861                       | 1.8446                      |
| 1980 | 64,788,572         | 2.9789                 | 0.9035                       | 2.0755                      |
| 1981 | 66,425,164         | 3.9593                 | 1.6004                       | 2.3590                      |
| 1982 | 68,081,155         | 4.5975                 | 1.6432                       | 2.9543                      |
| 1983 | 69,744,148         | 4.4735                 | 1.5913                       | 2.8822                      |
| 1984 | 71,421,164         | 3.3884                 | 1.1944                       | 2.1939                      |
| 1985 | 73,112,440         | 3.5562                 | 0.8154                       | 2.7408                      |
| 1986 | 74,817,783         | 5.0122                 | 1.3200                       | 3.6922                      |
| 1987 | 76,536,428         | 7.5520                 | 4.8005                       | 2.7514                      |
| 1988 | 78,266,888         | 11.2308                | 8.3937                       | 2.8371                      |
| 1989 | 80,019,134         | 4.9988                 | 2.8047                       | 2.1941                      |
| 1990 | 81,781,347         | 3.7723                 | 0.5582                       | 3.2141                      |
| 1991 | 83,554,530         | 4.0883                 | 1.8669                       | 2.2215                      |
| 1992 | 85,348,102         | 4.2145                 | 1.7124                       | 2.5021                      |
| 1993 | 87,117,464         | 3.8523                 | 1.7040                       | 2.1483                      |
| 1994 | 88,863,239         | 3.6528                 | 1.4046                       | 2.2482                      |
| 1995 | 90,578,718         | 3.5825                 | 1.3448                       | 2.2377                      |
| 1996 | 92,228,065         | 4.0281                 | 0.9994                       | 3.0287                      |
| 1997 | 93,813,963         | 3.7107                 | 1.0938                       | 2.6169                      |
| 1998 | 95,326,450         | 2.9708                 | 0.6691                       | 2.3017                      |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

SECTOR AGROPECUARIO

CUADRO 25.5

México: Oferta y demanda total del café

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA         |                           | DEMANDA        |                |            |             |                                 |
|------|------------|---------------|--------------------------|---------------------------|----------------|----------------|------------|-------------|---------------------------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d ) | Consumo aparente<br>total | Desperdicios 1 | Transformación | Otros usos | Exportación | Cambio en las<br>existencias 1* |
|      | ( a )      | ( b )         |                          | ( d = e+f+g )             | ( e )          | ( f )          | ( g )      |             | ( i )                           |
| 1961 | 99.99      | 0.01          | 100.00                   | 25.96                     | 11.55          | 11.55          | 88.45      | 74.04       | 0.00                            |
| 1962 | 100.00     | 0.00          | 100.00                   | 30.41                     | 9.87           | 9.87           | 90.13      | 69.59       | 0.00                            |
| 1963 | 99.99      | 0.01          | 100.00                   | 48.15                     | 6.23           | 6.23           | 93.77      | 51.85       | 0.00                            |
| 1964 | 99.99      | 0.01          | 100.00                   | 31.63                     | 9.48           | 9.48           | 90.52      | 68.37       | 0.00                            |
| 1965 | 99.99      | 0.01          | 100.00                   | 49.96                     | 6.01           | 6.01           | 93.99      | 50.04       | 0.00                            |
| 1966 | 99.93      | 0.07          | 100.00                   | 46.92                     | 6.39           | 6.39           | 93.61      | 53.08       | 0.00                            |
| 1967 | 100.00     | 0.00          | 100.00                   | 51.31                     | 5.83           | 5.83           | 94.17      | 35.35       | 13.33                           |
| 1968 | 99.99      | 0.01          | 100.00                   | 38.82                     | 7.71           | 7.71           | 92.29      | 47.09       | 14.08                           |
| 1969 | 99.99      | 0.01          | 100.00                   | 53.44                     | 6.19           | 6.19           | 93.81      | 56.97       | -10.40                          |
| 1970 | 99.99      | 0.01          | 100.00                   | 53.39                     | 5.63           | 5.63           | 94.37      | 46.61       | 0.00                            |
| 1971 | 100.00     | 0.00          | 100.00                   | 47.27                     | 6.36           | 6.36           | 93.64      | 52.73       | 0.00                            |
| 1972 | 100.00     | 0.00          | 100.00                   | 44.31                     | 6.79           | 6.79           | 93.21      | 50.77       | 4.93                            |
| 1973 | 100.00     | 0.00          | 100.00                   | 34.87                     | 8.59           | 8.59           | 91.41      | 62.88       | 2.25                            |
| 1974 | 99.99      | 0.01          | 100.00                   | 45.28                     | 6.62           | 6.62           | 93.38      | 54.72       | 0.00                            |
| 1975 | 99.99      | 0.01          | 100.00                   | 36.69                     | 8.18           | 8.18           | 91.82      | 63.31       | 0.00                            |
| 1976 | 99.99      | 0.01          | 100.00                   | 31.39                     | 10.69          | 10.69          | 89.31      | 80.40       | -11.79                          |
| 1977 | 99.95      | 0.05          | 100.00                   | 35.14                     | 8.53           | 8.53           | 91.47      | 59.37       | 5.49                            |
| 1978 | 99.98      | 0.02          | 100.00                   | 29.35                     | 10.20          | 10.20          | 89.80      | 48.75       | 21.90                           |
| 1979 | 99.97      | 0.03          | 100.00                   | 47.74                     | 7.98           | 7.98           | 92.02      | 80.50       | -28.24                          |
| 1980 | 98.99      | 1.01          | 100.00                   | 30.02                     | 12.92          | 12.92          | 87.08      | 86.39       | -16.41                          |
| 1981 | 99.95      | 0.05          | 100.00                   | 40.40                     | 7.42           | 7.42           | 92.58      | 59.60       | 0.00                            |
| 1982 | 99.99      | 0.01          | 100.00                   | 35.74                     | 6.75           | 6.75           | 93.25      | 51.48       | 12.78                           |
| 1983 | 99.99      | 0.01          | 100.00                   | 35.57                     | 8.32           | 8.32           | 91.68      | 61.23       | 3.20                            |
| 1984 | 100.00     | 0.00          | 100.00                   | 35.25                     | 9.14           | 9.14           | 90.86      | 73.01       | -8.26                           |
| 1985 | 99.99      | 0.01          | 100.00                   | 22.93                     | 14.60          | 14.60          | 85.39      | 88.61       | -11.54                          |
| 1986 | 99.98      | 0.02          | 100.00                   | 26.33                     | 11.39          | 11.39          | 88.61      | 56.34       | 17.33                           |
| 1987 | 100.00     | 0.00          | 100.00                   | 63.56                     | 2.87           | 2.87           | 97.13      | 39.03       | -2.60                           |
| 1988 | 100.00     | 0.00          | 100.00                   | 74.74                     | 1.93           | 1.93           | 98.07      | 19.57       | 5.69                            |
| 1989 | 99.98      | 0.02          | 100.00                   | 56.10                     | 5.93           | 5.93           | 94.07      | 68.90       | -25.00                          |
| 1990 | 99.73      | 0.27          | 100.00                   | 14.76                     | 28.96          | 28.96          | 71.04      | 69.08       | 16.16                           |
| 1991 | 99.10      | 0.90          | 100.00                   | 45.25                     | 7.22           | 7.22           | 92.78      | 66.35       | -11.60                          |
| 1992 | 98.63      | 1.37          | 100.00                   | 40.07                     | 7.43           | 7.43           | 92.57      | 57.18       | 2.74                            |
| 1993 | 99.00      | 1.00          | 100.00                   | 43.79                     | 7.19           | 7.19           | 92.81      | 62.11       | -5.90                           |
| 1994 | 96.32      | 3.68          | 100.00                   | 37.04                     | 7.85           | 7.85           | 92.15      | 62.96       | 0.00                            |
| 1995 | 97.35      | 2.65          | 100.00                   | 36.54                     | 8.02           | 8.02           | 91.98      | 63.46       | 0.00                            |
| 1996 | 98.20      | 1.80          | 100.00                   | 24.36                     | 12.20          | 12.20          | 87.80      | 75.64       | 0.00                            |
| 1997 | 95.17      | 4.83          | 100.00                   | 28.05                     | 11.08          | 11.08          | 88.92      | 71.95       | 0.00                            |
| 1998 | 94.24      | 5.76          | 100.00                   | 21.23                     | 14.84          | 14.84          | 85.16      | 78.77       | 0.00                            |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 26.1

## México: Oferta y demanda total de caña de azúcar

(Toneladas)

| AÑO  | OFERTA     | OFERTA = DEMANDA         | DEMANDA                   |                |                |            |
|------|------------|--------------------------|---------------------------|----------------|----------------|------------|
|      | Producción | ( c = a+b )<br>( c = d ) | Consumo<br>aparente total | Desperdicios 1 | Transformación | Otros usos |
|      | ( a )      |                          | ( d = e+f+g )             | ( e )          | ( f )          | ( g )      |
| 1961 | 19,167,980 | 19,167,980               | 19,167,980                | 383,360        | 18,592,000     | 192,620    |
| 1962 | 21,115,600 | 21,115,600               | 21,115,600                | 422,312        | 19,725,050     | 968,238    |
| 1963 | 22,326,990 | 22,326,990               | 22,326,990                | 446,540        | 21,649,998     | 230,452    |
| 1964 | 26,989,620 | 26,989,620               | 26,989,620                | 539,792        | 24,768,564     | 1,681,264  |
| 1965 | 30,955,680 | 30,955,680               | 30,955,680                | 619,114        | 27,225,984     | 3,110,582  |
| 1966 | 32,228,620 | 32,228,620               | 32,228,620                | 644,572        | 27,927,076     | 3,656,972  |
| 1967 | 32,106,860 | 32,106,860               | 32,106,860                | 642,137        | 29,595,949     | 1,868,774  |
| 1968 | 31,683,230 | 31,683,230               | 31,683,230                | 633,665        | 27,806,749     | 3,242,816  |
| 1969 | 32,445,810 | 32,445,810               | 32,445,810                | 648,916        | 29,785,742     | 2,011,152  |
| 1970 | 24,524,000 | 24,524,000               | 24,524,000                | 693,028        | 16,451,008     | 7,379,964  |
| 1971 | 25,985,000 | 25,985,000               | 25,985,000                | 654,303        | 20,830,049     | 4,500,648  |
| 1972 | 26,254,000 | 26,254,000               | 26,254,000                | 645,040        | 21,803,350     | 3,805,610  |
| 1973 | 29,849,000 | 29,849,000               | 29,849,000                | 657,225        | 28,412,031     | 779,744    |
| 1974 | 30,492,000 | 30,492,000               | 30,492,000                | 669,983        | 29,059,979     | 762,038    |
| 1975 | 28,949,000 | 28,949,000               | 28,949,000                | 716,812        | 22,947,576     | 5,284,612  |
| 1976 | 27,237,000 | 27,237,000               | 27,237,000                | 627,731        | 23,977,415     | 2,631,854  |
| 1977 | 27,947,000 | 27,947,000               | 27,947,000                | 587,947        | 27,064,663     | 294,390    |
| 1978 | 32,348,000 | 32,348,000               | 32,348,000                | 709,497        | 29,905,811     | 1,732,692  |
| 1979 | 33,865,000 | 33,865,000               | 33,865,000                | 691,748        | 32,430,592     | 742,660    |
| 1980 | 31,343,000 | 31,343,000               | 31,343,000                | 729,605        | 25,171,745     | 5,441,650  |
| 1981 | 28,677,000 | 28,677,000               | 28,677,000                | 698,100        | 22,067,008     | 5,911,892  |
| 1982 | 31,770,000 | 31,770,000               | 31,770,000                | 681,327        | 27,603,663     | 3,485,010  |
| 1983 | 32,489,000 | 32,489,000               | 32,489,000                | 682,181        | 30,979,929     | 826,890    |
| 1984 | 34,746,000 | 34,746,000               | 34,746,000                | 698,208        | 33,635,584     | 412,208    |
| 1985 | 35,689,000 | 35,689,000               | 35,689,000                | 754,000        | 34,489,000     | 446,000    |
| 1986 | 40,375,000 | 40,375,000               | 40,374,995                | 840,000        | 38,674,999     | 859,996    |
| 1987 | 41,372,000 | 41,372,000               | 41,372,000                | 800,000        | 40,072,000     | 500,000    |
| 1988 | 37,244,000 | 37,244,000               | 37,244,000                | 830,000        | 35,844,000     | 570,000    |
| 1989 | 35,705,000 | 35,705,000               | 35,705,000                | 877,888        | 32,110,616     | 2,716,496  |
| 1990 | 34,893,000 | 34,893,000               | 34,892,974                | 798,157        | 31,585,129     | 2,509,688  |
| 1991 | 38,188,000 | 38,188,000               | 38,187,990                | 767,744        | 36,900,814     | 519,432    |
| 1992 | 35,476,000 | 35,476,000               | 35,475,969                | 833,048        | 27,423,625     | 7,219,296  |
| 1993 | 39,765,000 | 39,765,000               | 39,764,999                | 857,594        | 37,349,837     | 1,557,568  |
| 1994 | 34,124,900 | 34,124,900               | 34,124,900                | 810,772        | 28,411,200     | 4,902,928  |
| 1995 | 40,124,400 | 40,124,400               | 40,124,388                | 851,236        | 38,386,964     | 886,188    |
| 1996 | 40,185,200 | 40,185,200               | 40,185,053                | 867,045        | 37,718,140     | 1,599,868  |
| 1997 | 42,170,700 | 42,170,700               | 42,170,325                | 896,668        | 40,207,957     | 1,065,700  |
| 1998 | 47,353,000 | 47,353,000               | 47,352,892                | 977,905        | 46,310,783     | 64,204     |

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

## CUADRO 26.2

### México: Balance interno de caña de azúcar

(Toneladas)

| AÑO  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 19,167,980 | 19,167,980             | 0.0             |
| 1962 | 21,115,600 | 21,115,600             | 0.0             |
| 1963 | 22,326,990 | 22,326,990             | 0.0             |
| 1964 | 26,989,620 | 26,989,620             | 0.0             |
| 1965 | 30,955,680 | 30,955,680             | 0.0             |
| 1966 | 32,228,620 | 32,228,620             | 0.0             |
| 1967 | 32,106,860 | 32,106,860             | 0.0             |
| 1968 | 31,683,230 | 31,683,230             | 0.0             |
| 1969 | 32,445,810 | 32,445,810             | 0.0             |
| 1970 | 24,524,000 | 24,524,000             | 0.0             |
| 1971 | 25,985,000 | 25,985,000             | 0.0             |
| 1972 | 26,254,000 | 26,254,000             | 0.0             |
| 1973 | 29,849,000 | 29,849,000             | 0.0             |
| 1974 | 30,492,000 | 30,492,000             | 0.0             |
| 1975 | 28,949,000 | 28,949,000             | 0.0             |
| 1976 | 27,237,000 | 27,237,000             | 0.0             |
| 1977 | 27,947,000 | 27,947,000             | 0.0             |
| 1978 | 32,348,000 | 32,348,000             | 0.0             |
| 1979 | 33,865,000 | 33,865,000             | 0.0             |
| 1980 | 31,343,000 | 31,343,000             | 0.0             |
| 1981 | 28,677,000 | 28,677,000             | 0.0             |
| 1982 | 31,770,000 | 31,770,000             | 0.0             |
| 1983 | 32,489,000 | 32,489,000             | 0.0             |
| 1984 | 34,746,000 | 34,746,000             | 0.0             |
| 1985 | 35,689,000 | 35,689,000             | 0.0             |
| 1986 | 40,375,000 | 40,374,995             | 5.0             |
| 1987 | 41,372,000 | 41,372,000             | 0.0             |
| 1988 | 37,244,000 | 37,244,000             | 0.0             |
| 1989 | 35,705,000 | 35,705,000             | 0.0             |
| 1990 | 34,893,000 | 34,892,974             | 26.0            |
| 1991 | 38,188,000 | 38,187,990             | 10.0            |
| 1992 | 35,476,000 | 35,475,969             | 31.0            |
| 1993 | 39,765,000 | 39,764,999             | 1.0             |
| 1994 | 34,124,900 | 34,124,900             | 0.0             |
| 1995 | 40,124,400 | 40,124,388             | 12.0            |
| 1996 | 40,185,200 | 40,185,053             | 147.0           |
| 1997 | 42,170,700 | 42,170,325             | 375.0           |
| 1998 | 47,353,000 | 47,352,892             | 108.0           |

Fuente: Elaborado por el CEFOP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 26.3

### México: Rendimiento del caña de azúcar por hectárea

| AÑO  | Superficie cosechada<br>(hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas / Hectárea) |
|------|------------------------------------|---------------------------|---------------------------------------|
| 1961 | 347,602                            | 19,167,980                | 55.1435                               |
| 1962 | 361,603                            | 21,115,600                | 58.3944                               |
| 1963 | 377,949                            | 22,326,990                | 59.0741                               |
| 1964 | 445,548                            | 26,989,620                | 60.5762                               |
| 1965 | 469,860                            | 30,955,680                | 65.8828                               |
| 1966 | 487,598                            | 32,228,620                | 66.0967                               |
| 1967 | 489,148                            | 32,106,860                | 65.6383                               |
| 1968 | 504,826                            | 31,683,230                | 62.7607                               |
| 1969 | 525,526                            | 32,445,810                | 61.7397                               |
| 1970 | 414,000                            | 24,524,000                | 59.2367                               |
| 1971 | 427,000                            | 25,985,000                | 60.8548                               |
| 1972 | 427,000                            | 26,254,000                | 61.4848                               |
| 1973 | 453,000                            | 29,849,000                | 65.8918                               |
| 1974 | 456,000                            | 30,492,000                | 66.8684                               |
| 1975 | 460,000                            | 28,949,000                | 62.9326                               |
| 1976 | 446,000                            | 27,237,000                | 61.0695                               |
| 1977 | 431,000                            | 27,947,000                | 64.8422                               |
| 1978 | 461,000                            | 32,348,000                | 70.1692                               |
| 1979 | 474,000                            | 33,865,000                | 71.4451                               |
| 1980 | 489,000                            | 31,343,000                | 64.0961                               |
| 1981 | 453,000                            | 28,677,000                | 63.3046                               |
| 1982 | 469,000                            | 31,770,000                | 67.7399                               |
| 1983 | 490,000                            | 32,489,000                | 66.3041                               |
| 1984 | 511,000                            | 34,746,000                | 67.9961                               |
| 1985 | 534,000                            | 35,689,000                | 66.8333                               |
| 1986 | 558,000                            | 40,375,000                | 72.3566                               |
| 1987 | 587,000                            | 41,372,000                | 70.4804                               |
| 1988 | 573,000                            | 37,244,000                | 64.9983                               |
| 1989 | 558,000                            | 35,705,000                | 63.9875                               |
| 1990 | 511,000                            | 34,893,000                | 68.2838                               |
| 1991 | 531,000                            | 38,188,000                | 71.9171                               |
| 1992 | 477,000                            | 35,476,000                | 74.3732                               |
| 1993 | 511,000                            | 39,765,000                | 77.8180                               |
| 1994 | 492,500                            | 34,124,900                | 69.2891                               |
| 1995 | 519,200                            | 40,124,400                | 77.2812                               |
| 1996 | 577,100                            | 40,185,200                | 69.6330                               |
| 1997 | 582,746                            | 42,170,700                | 72.3655                               |
| 1998 | 632,506                            | 47,353,000                | 74.8657                               |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 26.4

### México: Producción y consumo de caña de azúcar por habitante

(Kilogramos)

| AÑO  | Población Nacional | Producción / Población | Consumo aparente / Población | Balance interno / Población |
|------|--------------------|------------------------|------------------------------|-----------------------------|
| 1961 | 36,214,784         | 529.2861               | 529.2861                     | 0.0000                      |
| 1962 | 37,486,139         | 563.2909               | 563.2909                     | 0.0000                      |
| 1963 | 38,800,538         | 575.4299               | 575.4299                     | 0.0000                      |
| 1964 | 40,147,986         | 672.2534               | 672.2534                     | 0.0000                      |
| 1965 | 41,535,828         | 745.2766               | 745.2766                     | 0.0000                      |
| 1966 | 42,955,469         | 750.2798               | 750.2798                     | 0.0000                      |
| 1967 | 44,397,880         | 723.1620               | 723.1620                     | 0.0000                      |
| 1968 | 45,859,633         | 690.8740               | 690.8740                     | 0.0000                      |
| 1969 | 47,337,557         | 685.4137               | 685.4137                     | 0.0000                      |
| 1970 | 48,852,306         | 502.0029               | 502.0029                     | 0.0000                      |
| 1971 | 50,393,091         | 515.6461               | 515.6461                     | 0.0000                      |
| 1972 | 51,948,772         | 505.3825               | 505.3825                     | 0.0000                      |
| 1973 | 53,517,788         | 557.7398               | 557.7398                     | 0.0000                      |
| 1974 | 55,104,832         | 553.3453               | 553.3453                     | 0.0000                      |
| 1975 | 56,687,703         | 510.6751               | 510.6751                     | 0.0000                      |
| 1976 | 58,291,820         | 467.2525               | 467.2525                     | 0.0000                      |
| 1977 | 59,900,617         | 466.5561               | 466.5561                     | 0.0000                      |
| 1978 | 61,527,486         | 525.7488               | 525.7488                     | 0.0000                      |
| 1979 | 63,161,213         | 536.1677               | 536.1677                     | 0.0000                      |
| 1980 | 64,788,572         | 483.7736               | 483.7736                     | 0.0000                      |
| 1981 | 66,425,164         | 431.7189               | 431.7189                     | 0.0000                      |
| 1982 | 68,081,155         | 466.6490               | 466.6490                     | 0.0000                      |
| 1983 | 69,744,148         | 465.8312               | 465.8312                     | 0.0000                      |
| 1984 | 71,421,164         | 486.4945               | 486.4945                     | 0.0000                      |
| 1985 | 73,112,440         | 488.1385               | 488.1385                     | 0.0000                      |
| 1986 | 74,817,783         | 539.6444               | 539.6444                     | 0.0001                      |
| 1987 | 76,536,428         | 540.5531               | 540.5531                     | 0.0000                      |
| 1988 | 78,266,888         | 475.8590               | 475.8590                     | 0.0000                      |
| 1989 | 80,019,134         | 446.2058               | 446.2058                     | 0.0000                      |
| 1990 | 81,781,347         | 426.6621               | 426.6618                     | 0.0003                      |
| 1991 | 83,554,530         | 457.0428               | 457.0427                     | 0.0001                      |
| 1992 | 85,348,102         | 415.6624               | 415.6621                     | 0.0004                      |
| 1993 | 87,117,464         | 456.4527               | 456.4527                     | 0.0000                      |
| 1994 | 88,863,239         | 384.0159               | 384.0159                     | 0.0000                      |
| 1995 | 90,578,718         | 442.9782               | 442.9781                     | 0.0001                      |
| 1996 | 92,228,065         | 435.7155               | 435.7139                     | 0.0016                      |
| 1997 | 93,813,963         | 449.5141               | 449.5101                     | 0.0040                      |
| 1998 | 95,326,450         | 496.7457               | 496.7445                     | 0.0011                      |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 26.5

## México: Oferta y demanda total del caña de azúcar

(Porcentaje)

| AÑO  | OFERTA     | OFERTA = DEMANDA         | DEMANDA                   |                |                |            |               |
|------|------------|--------------------------|---------------------------|----------------|----------------|------------|---------------|
|      | Producción | ( c = a+b )<br>( c = d ) | Consumo aparente<br>total | Desperdicios 1 | Transformación | Otros usos | Exportaciones |
|      | ( a )      |                          | ( d = e+f+g )             | ( e )          | ( f )          | ( g )      | ( h )         |
| 1961 | 100.00     | 100.00                   | 100.00                    | 2.00           | 97.00          | 1.00       | 0.00          |
| 1962 | 100.00     | 100.00                   | 100.00                    | 2.00           | 93.41          | 4.59       | 0.00          |
| 1963 | 100.00     | 100.00                   | 100.00                    | 2.00           | 96.97          | 1.03       | 0.00          |
| 1964 | 100.00     | 100.00                   | 100.00                    | 2.00           | 91.77          | 6.23       | 0.00          |
| 1965 | 100.00     | 100.00                   | 100.00                    | 2.00           | 87.95          | 10.05      | 0.00          |
| 1966 | 100.00     | 100.00                   | 100.00                    | 2.00           | 86.65          | 11.35      | 0.00          |
| 1967 | 100.00     | 100.00                   | 100.00                    | 2.00           | 92.18          | 5.82       | 0.00          |
| 1968 | 100.00     | 100.00                   | 100.00                    | 2.00           | 87.76          | 10.24      | 0.00          |
| 1969 | 100.00     | 100.00                   | 100.00                    | 2.00           | 91.80          | 6.20       | 0.00          |
| 1970 | 100.00     | 100.00                   | 100.00                    | 2.83           | 67.08          | 30.09      | 0.00          |
| 1971 | 100.00     | 100.00                   | 100.00                    | 2.52           | 80.16          | 17.32      | 0.00          |
| 1972 | 100.00     | 100.00                   | 100.00                    | 2.46           | 83.05          | 14.50      | 0.00          |
| 1973 | 100.00     | 100.00                   | 100.00                    | 2.20           | 95.19          | 2.61       | 0.00          |
| 1974 | 100.00     | 100.00                   | 100.00                    | 2.20           | 95.30          | 2.50       | 0.00          |
| 1975 | 100.00     | 100.00                   | 100.00                    | 2.48           | 79.27          | 18.25      | 0.00          |
| 1976 | 100.00     | 100.00                   | 100.00                    | 2.30           | 88.03          | 9.66       | 0.00          |
| 1977 | 100.00     | 100.00                   | 100.00                    | 2.10           | 96.84          | 1.05       | 0.00          |
| 1978 | 100.00     | 100.00                   | 100.00                    | 2.19           | 92.45          | 5.36       | 0.00          |
| 1979 | 100.00     | 100.00                   | 100.00                    | 2.04           | 95.76          | 2.19       | 0.00          |
| 1980 | 100.00     | 100.00                   | 100.00                    | 2.33           | 80.31          | 17.36      | 0.00          |
| 1981 | 100.00     | 100.00                   | 100.00                    | 2.43           | 76.95          | 20.62      | 0.00          |
| 1982 | 100.00     | 100.00                   | 100.00                    | 2.14           | 86.89          | 10.97      | 0.00          |
| 1983 | 100.00     | 100.00                   | 100.00                    | 2.10           | 95.36          | 2.55       | 0.00          |
| 1984 | 100.00     | 100.00                   | 100.00                    | 2.01           | 96.80          | 1.19       | 0.00          |
| 1985 | 100.00     | 100.00                   | 100.00                    | 2.11           | 96.64          | 1.25       | 0.00          |
| 1986 | 100.00     | 100.00                   | 100.00                    | 2.08           | 95.79          | 2.13       | 0.00          |
| 1987 | 100.00     | 100.00                   | 100.00                    | 1.93           | 96.86          | 1.21       | 0.00          |
| 1988 | 100.00     | 100.00                   | 100.00                    | 2.23           | 96.24          | 1.53       | 0.00          |
| 1989 | 100.00     | 100.00                   | 100.00                    | 2.46           | 89.93          | 7.61       | 0.00          |
| 1990 | 100.00     | 100.00                   | 100.00                    | 2.29           | 90.52          | 7.19       | 0.00          |
| 1991 | 100.00     | 100.00                   | 100.00                    | 2.01           | 96.63          | 1.36       | 0.00          |
| 1992 | 100.00     | 100.00                   | 100.00                    | 2.35           | 77.30          | 20.35      | 0.00          |
| 1993 | 100.00     | 100.00                   | 100.00                    | 2.16           | 93.93          | 3.92       | 0.00          |
| 1994 | 100.00     | 100.00                   | 100.00                    | 2.38           | 83.26          | 14.37      | 0.00          |
| 1995 | 100.00     | 100.00                   | 100.00                    | 2.12           | 95.67          | 2.21       | 0.00          |
| 1996 | 100.00     | 100.00                   | 100.00                    | 2.16           | 93.86          | 3.98       | 0.00          |
| 1997 | 100.00     | 100.00                   | 100.00                    | 2.13           | 95.35          | 2.53       | 0.00          |
| 1998 | 100.00     | 101.00                   | 100.00                    | 2.07           | 97.80          | 0.14       | 0.00          |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



# SECTOR AGROPECUARIO

CUADRO 27.1

## México: Oferta y demanda total de limones y limas

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                   |                           |              |               |
|------|------------|---------------|----------------------------|---------------------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo<br>aparente total | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )               | ( e )                     | ( f )        | ( g )         |
| 1961 | 103,000    | 2,313         | 105,313                    | 123,662                   | 12,497                    | 111,165      | 1,311         |
| 1962 | 118,000    | 2,870         | 120,870                    | 149,782                   | 15,066                    | 134,716      | 875           |
| 1963 | 146,000    | 3,340         | 149,340                    | 171,883                   | 17,410                    | 154,473      | 2,214         |
| 1964 | 166,000    | 2,990         | 168,990                    | 191,811                   | 19,363                    | 172,448      | 1,818         |
| 1965 | 183,000    | 2,541         | 185,541                    | 210,865                   | 21,204                    | 189,661      | 1,171         |
| 1966 | 191,000    | 2,634         | 193,634                    | 213,304                   | 22,063                    | 191,241      | 7,330         |
| 1967 | 183,000    | 2,307         | 185,307                    | 206,120                   | 21,105                    | 185,015      | 4,928         |
| 1968 | 183,000    | 1,822         | 184,822                    | 208,317                   | 21,034                    | 187,283      | 2,025         |
| 1969 | 193,000    | 1,263         | 194,263                    | 224,017                   | 22,460                    | 201,557      | 587           |
| 1970 | 211,000    | 1,014         | 212,014                    | 240,573                   | 24,171                    | 216,402      | 1,140         |
| 1971 | 494,000    | 923           | 494,923                    | 514,014                   | 51,556                    | 462,458      | 1,549         |
| 1972 | 451,000    | 1,092         | 452,092                    | 475,278                   | 47,748                    | 427,530      | 2,204         |
| 1973 | 455,000    | 94            | 455,094                    | 481,768                   | 48,484                    | 433,284      | 3,076         |
| 1974 | 439,000    | 701           | 439,701                    | 465,927                   | 47,144                    | 418,783      | 5,513         |
| 1975 | 440,000    | 447           | 440,447                    | 462,663                   | 46,874                    | 415,789      | 6,076         |
| 1976 | 426,000    | 461           | 426,461                    | 457,405                   | 46,367                    | 411,038      | 6,263         |
| 1977 | 444,000    | 726           | 444,726                    | 473,601                   | 48,391                    | 425,210      | 10,309        |
| 1978 | 411,000    | 787           | 411,787                    | 437,071                   | 45,470                    | 391,601      | 17,631        |
| 1979 | 468,000    | 447           | 468,447                    | 482,700                   | 50,374                    | 432,326      | 21,036        |
| 1980 | 565,000    | 937           | 565,937                    | 581,018                   | 59,625                    | 521,393      | 15,235        |
| 1981 | 629,000    | 2,194         | 631,194                    | 617,578                   | 63,344                    | 554,234      | 15,866        |
| 1982 | 755,000    | 344           | 755,344                    | 837,480                   | 84,605                    | 752,875      | 8,567         |
| 1983 | 675,000    | 0             | 675,000                    | 681,061                   | 69,503                    | 611,558      | 13,965        |
| 1984 | 826,000    | 3,022         | 829,022                    | 811,930                   | 85,047                    | 726,883      | 38,537        |
| 1985 | 868,000    | 3,993         | 871,993                    | 857,063                   | 89,334                    | 767,729      | 36,279        |
| 1986 | 743,000    | 757           | 743,757                    | 705,287                   | 74,409                    | 630,878      | 38,801        |
| 1987 | 682,000    | 1,959         | 683,959                    | 636,062                   | 68,422                    | 567,640      | 48,156        |
| 1988 | 660,000    | 102           | 660,102                    | 599,954                   | 66,005                    | 533,949      | 60,095        |
| 1989 | 779,000    | 122           | 779,122                    | 718,979                   | 77,866                    | 641,113      | 59,885        |
| 1990 | 685,400    | 94            | 685,494                    | 612,304                   | 68,544                    | 543,760      | 73,140        |
| 1991 | 4,889,300  | 165           | 4,889,465                  | 644,082                   | 71,670                    | 572,412      | 72,614        |
| 1992 | 2,095,400  | 248           | 2,095,648                  | 684,222                   | 77,772                    | 606,450      | 93,500        |
| 1993 | 2,206,900  | 172           | 2,207,072                  | 607,727                   | 72,517                    | 535,210      | 117,445       |
| 1994 | 2,295,500  | 603           | 2,296,103                  | 674,517                   | 81,376                    | 593,141      | 139,417       |
| 1995 | 2,032,700  | 1,121         | 2,033,821                  | 816,120                   | 98,502                    | 717,618      | 168,937       |
| 1996 | 2,209,600  | 2,630         | 2,212,230                  | 959,521                   | 112,866                   | 846,655      | 169,163       |
| 1997 | 1,714,457  | 3,177         | 1,717,634                  | 921,727                   | 112,959                   | 808,768      | 207,872       |
| 1998 | 1,525,800  | 897           | 1,526,697                  | 974,452                   | 121,230                   | 853,222      | 237,931       |

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 27.2**  
**México: Balance interno de limones y limas**  
(Toneladas)

| <b>Año</b>  | <b>Producción</b> | <b>Consumo aparente total</b> | <b>Balance interno</b> |
|-------------|-------------------|-------------------------------|------------------------|
| <b>1961</b> | 103,000           | 123,662                       | -20,662.0              |
| <b>1962</b> | 118,000           | 149,782                       | -31,782.0              |
| <b>1963</b> | 146,000           | 171,883                       | -25,883.0              |
| <b>1964</b> | 166,000           | 191,811                       | -25,811.0              |
| <b>1965</b> | 183,000           | 210,865                       | -27,865.0              |
| <b>1966</b> | 191,000           | 213,304                       | -22,304.0              |
| <b>1967</b> | 183,000           | 206,120                       | -23,120.0              |
| <b>1968</b> | 183,000           | 208,317                       | -25,317.0              |
| <b>1969</b> | 193,000           | 224,017                       | -31,017.0              |
| <b>1970</b> | 211,000           | 240,573                       | -29,573.0              |
| <b>1971</b> | 494,000           | 514,014                       | -20,014.0              |
| <b>1972</b> | 451,000           | 475,278                       | -24,278.0              |
| <b>1973</b> | 455,000           | 481,768                       | -26,768.0              |
| <b>1974</b> | 439,000           | 465,927                       | -26,927.0              |
| <b>1975</b> | 440,000           | 462,663                       | -22,663.0              |
| <b>1976</b> | 426,000           | 457,405                       | -31,405.0              |
| <b>1977</b> | 444,000           | 473,601                       | -29,601.0              |
| <b>1978</b> | 411,000           | 437,071                       | -26,071.0              |
| <b>1979</b> | 468,000           | 482,700                       | -14,700.0              |
| <b>1980</b> | 565,000           | 581,018                       | -16,018.0              |
| <b>1981</b> | 629,000           | 617,578                       | 11,422.0               |
| <b>1982</b> | 755,000           | 837,480                       | -82,480.0              |
| <b>1983</b> | 675,000           | 681,061                       | -6,061.0               |
| <b>1984</b> | 826,000           | 811,930                       | 14,070.0               |
| <b>1985</b> | 868,000           | 857,063                       | 10,937.0               |
| <b>1986</b> | 743,000           | 705,287                       | 37,713.0               |
| <b>1987</b> | 682,000           | 636,062                       | 45,938.0               |
| <b>1988</b> | 660,000           | 599,954                       | 60,046.0               |
| <b>1989</b> | 779,000           | 718,979                       | 60,021.0               |
| <b>1990</b> | 685,400           | 612,304                       | 73,096.0               |
| <b>1991</b> | 4,889,300         | 644,082                       | 4,245,218.0            |
| <b>1992</b> | 2,095,400         | 684,222                       | 1,411,178.0            |
| <b>1993</b> | 2,206,900         | 607,727                       | 1,599,173.0            |
| <b>1994</b> | 2,295,500         | 674,517                       | 1,620,983.0            |
| <b>1995</b> | 2,032,700         | 816,120                       | 1,216,580.0            |
| <b>1996</b> | 2,209,600         | 959,521                       | 1,250,079.0            |
| <b>1997</b> | 1,714,457         | 921,727                       | 792,730.0              |
| <b>1998</b> | 1,525,800         | 974,452                       | 551,348.0              |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 27.3**  
**México: Rendimiento de limones y limas**

| <b>AÑO</b> | <b>Superficie cosechada</b><br>(hectárea) | <b>Producción</b><br>(Toneladas) | <b>Rendimiento</b><br>(Toneladas / Hectárea) |
|------------|-------------------------------------------|----------------------------------|----------------------------------------------|
| 1961       | 14,000                                    | 103,000                          | 7.3571                                       |
| 1962       | 15,000                                    | 118,000                          | 7.8667                                       |
| 1963       | 16,000                                    | 146,000                          | 9.1250                                       |
| 1964       | 19,000                                    | 166,000                          | 8.7368                                       |
| 1965       | 19,000                                    | 183,000                          | 9.6316                                       |
| 1966       | 20,000                                    | 191,000                          | 9.5500                                       |
| 1967       | 19,000                                    | 183,000                          | 9.6316                                       |
| 1968       | 19,000                                    | 183,000                          | 9.6316                                       |
| 1969       | 21,000                                    | 193,000                          | 9.1905                                       |
| 1970       | 23,000                                    | 211,000                          | 9.1739                                       |
| 1971       | 48,000                                    | 494,000                          | 10.2917                                      |
| 1972       | 48,000                                    | 451,000                          | 9.3958                                       |
| 1973       | 48,000                                    | 455,000                          | 9.4792                                       |
| 1974       | 48,000                                    | 439,000                          | 9.1458                                       |
| 1975       | 48,000                                    | 440,000                          | 9.1667                                       |
| 1976       | 45,000                                    | 426,000                          | 9.4667                                       |
| 1977       | 50,000                                    | 444,000                          | 8.8800                                       |
| 1978       | 47,000                                    | 411,000                          | 8.7447                                       |
| 1979       | 51,000                                    | 468,000                          | 9.1765                                       |
| 1980       | 57,000                                    | 565,000                          | 9.9123                                       |
| 1981       | 62,000                                    | 629,000                          | 10.1452                                      |
| 1982       | 70,000                                    | 755,000                          | 10.7857                                      |
| 1983       | 73,000                                    | 675,000                          | 9.2466                                       |
| 1984       | 70,000                                    | 826,000                          | 11.8000                                      |
| 1985       | 70,000                                    | 868,000                          | 12.4000                                      |
| 1986       | 69,000                                    | 743,000                          | 10.7681                                      |
| 1987       | 65,000                                    | 682,000                          | 10.4923                                      |
| 1988       | 69,000                                    | 660,000                          | 9.5652                                       |
| 1989       | 73,000                                    | 779,000                          | 10.6712                                      |
| 1990       | 72,200                                    | 685,400                          | 9.4931                                       |
| 1991       | 73,500                                    | 4,889,300                        | 66.5211                                      |
| 1992       | 78,900                                    | 2,095,400                        | 26.5577                                      |
| 1993       | 81,200                                    | 2,206,900                        | 27.1786                                      |
| 1994       | 81,600                                    | 2,295,500                        | 28.1311                                      |
| 1995       | 87,300                                    | 2,032,700                        | 23.2841                                      |
| 1996       | 95,300                                    | 2,209,600                        | 23.1857                                      |
| 1997       | 96,625                                    | 1,714,457                        | 17.7434                                      |
| 1998       | 104,700                                   | 1,525,800                        | 14.5731                                      |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 27.4

## México: Producción y consumo de limones y limas por habitante

(Kilogramos)

| AÑO  | Población Nacional | Producción / Población | Consumo aparente / Población | Balance interno / Población |
|------|--------------------|------------------------|------------------------------|-----------------------------|
| 1961 | 36,214,784         | 2.8441                 | 3.4147                       | -0.5705                     |
| 1962 | 37,486,139         | 3.1478                 | 3.9957                       | -0.8478                     |
| 1963 | 38,800,538         | 3.7628                 | 4.4299                       | -0.6671                     |
| 1964 | 40,147,986         | 4.1347                 | 4.7776                       | -0.6429                     |
| 1965 | 41,535,828         | 4.4058                 | 5.0767                       | -0.6709                     |
| 1966 | 42,955,469         | 4.4465                 | 4.9657                       | -0.5192                     |
| 1967 | 44,397,880         | 4.1218                 | 4.6426                       | -0.5207                     |
| 1968 | 45,859,633         | 3.9904                 | 4.5425                       | -0.5521                     |
| 1969 | 47,337,557         | 4.0771                 | 4.7323                       | -0.6552                     |
| 1970 | 48,852,306         | 4.3191                 | 4.9245                       | -0.6054                     |
| 1971 | 50,393,091         | 9.8029                 | 10.2001                      | -0.3972                     |
| 1972 | 51,948,772         | 8.6816                 | 9.1490                       | -0.4673                     |
| 1973 | 53,517,788         | 8.5018                 | 9.0020                       | -0.5002                     |
| 1974 | 55,104,832         | 7.9666                 | 8.4553                       | -0.4887                     |
| 1975 | 56,687,703         | 7.7618                 | 8.1616                       | -0.3998                     |
| 1976 | 58,291,820         | 7.3081                 | 7.8468                       | -0.5388                     |
| 1977 | 59,900,617         | 7.4123                 | 7.9064                       | -0.4942                     |
| 1978 | 61,527,486         | 6.6799                 | 7.1037                       | -0.4237                     |
| 1979 | 63,161,213         | 7.4096                 | 7.6423                       | -0.2327                     |
| 1980 | 64,788,572         | 8.7207                 | 8.9679                       | -0.2472                     |
| 1981 | 66,425,164         | 9.4693                 | 9.2974                       | 0.1720                      |
| 1982 | 68,081,155         | 11.0897                | 12.3012                      | -1.2115                     |
| 1983 | 69,744,148         | 9.6782                 | 9.7651                       | -0.0869                     |
| 1984 | 71,421,164         | 11.5652                | 11.3682                      | 0.1970                      |
| 1985 | 73,112,440         | 11.8721                | 11.7225                      | 0.1496                      |
| 1986 | 74,817,783         | 9.9308                 | 9.4267                       | 0.5041                      |
| 1987 | 76,536,428         | 8.9108                 | 8.3106                       | 0.6002                      |
| 1988 | 78,266,888         | 8.4327                 | 7.6655                       | 0.7672                      |
| 1989 | 80,019,134         | 9.7352                 | 8.9851                       | 0.7501                      |
| 1990 | 81,781,347         | 8.3809                 | 7.4871                       | 0.8938                      |
| 1991 | 83,554,530         | 58.5163                | 7.7085                       | 50.8078                     |
| 1992 | 85,348,102         | 24.5512                | 8.0168                       | 16.5344                     |
| 1993 | 87,117,464         | 25.3325                | 6.9759                       | 18.3565                     |
| 1994 | 88,863,239         | 25.8318                | 7.5905                       | 18.2413                     |
| 1995 | 90,578,718         | 22.4413                | 9.0101                       | 13.4312                     |
| 1996 | 92,228,065         | 23.9580                | 10.4038                      | 13.5542                     |
| 1997 | 93,813,963         | 18.2751                | 9.8251                       | 8.4500                      |
| 1998 | 95,326,450         | 16.0061                | 10.2223                      | 5.7838                      |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 27.5

## México: Oferta y demanda total de limones y limas

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA<br>( c = a+b )<br>( c = d+g ) | DEMANDA                |                           |              |               |
|------|------------|---------------|------------------------------------------------|------------------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones |                                                | Consumo aparente total | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                                                | ( d = e+f )            | ( e )                     | ( f )        | ( g )         |
| 1961 | 97.8       | 2.2           | 100.0                                          | 117.4                  | 10.1                      | 89.9         | 1.2           |
| 1962 | 97.6       | 2.4           | 100.0                                          | 123.9                  | 10.1                      | 89.9         | 0.7           |
| 1963 | 97.8       | 2.2           | 100.0                                          | 115.1                  | 10.1                      | 89.9         | 1.5           |
| 1964 | 98.2       | 1.8           | 100.0                                          | 113.5                  | 10.1                      | 89.9         | 1.1           |
| 1965 | 98.6       | 1.4           | 100.0                                          | 113.6                  | 10.1                      | 89.9         | 0.6           |
| 1966 | 98.6       | 1.4           | 100.0                                          | 110.2                  | 10.3                      | 89.7         | 3.8           |
| 1967 | 98.8       | 1.2           | 100.0                                          | 111.2                  | 10.2                      | 89.8         | 2.7           |
| 1968 | 99.0       | 1.0           | 100.0                                          | 112.7                  | 10.1                      | 89.9         | 1.1           |
| 1969 | 99.3       | 0.7           | 100.0                                          | 115.3                  | 10.0                      | 90.0         | 0.3           |
| 1970 | 99.5       | 0.5           | 100.0                                          | 113.5                  | 10.0                      | 90.0         | 0.5           |
| 1971 | 99.8       | 0.2           | 100.0                                          | 103.9                  | 10.0                      | 90.0         | 0.3           |
| 1972 | 99.8       | 0.2           | 100.0                                          | 105.1                  | 10.0                      | 90.0         | 0.5           |
| 1973 | 100.0      | 0.0           | 100.0                                          | 105.9                  | 10.1                      | 89.9         | 0.7           |
| 1974 | 99.8       | 0.2           | 100.0                                          | 106.0                  | 10.1                      | 89.9         | 1.3           |
| 1975 | 99.9       | 0.1           | 100.0                                          | 105.0                  | 10.1                      | 89.9         | 1.4           |
| 1976 | 99.9       | 0.1           | 100.0                                          | 107.3                  | 10.1                      | 89.9         | 1.5           |
| 1977 | 99.8       | 0.2           | 100.0                                          | 106.5                  | 10.2                      | 89.8         | 2.3           |
| 1978 | 99.8       | 0.2           | 100.0                                          | 106.1                  | 10.4                      | 89.6         | 4.3           |
| 1979 | 99.9       | 0.1           | 100.0                                          | 103.0                  | 10.4                      | 89.6         | 4.5           |
| 1980 | 99.8       | 0.2           | 100.0                                          | 102.7                  | 10.3                      | 89.7         | 2.7           |
| 1981 | 99.7       | 0.3           | 100.0                                          | 97.8                   | 10.3                      | 89.7         | 2.5           |
| 1982 | 100.0      | 0.0           | 100.0                                          | 110.9                  | 10.1                      | 89.9         | 1.1           |
| 1983 | 100.0      | 0.0           | 100.0                                          | 100.9                  | 10.2                      | 89.8         | 2.1           |
| 1984 | 99.6       | 0.4           | 100.0                                          | 97.9                   | 10.5                      | 89.5         | 4.6           |
| 1985 | 99.5       | 0.5           | 100.0                                          | 98.3                   | 10.4                      | 89.6         | 4.2           |
| 1986 | 99.9       | 0.1           | 100.0                                          | 94.8                   | 10.6                      | 89.4         | 5.2           |
| 1987 | 99.7       | 0.3           | 100.0                                          | 93.0                   | 10.8                      | 89.2         | 7.0           |
| 1988 | 100.0      | 0.0           | 100.0                                          | 90.9                   | 11.0                      | 89.0         | 9.1           |
| 1989 | 100.0      | 0.0           | 100.0                                          | 92.3                   | 10.8                      | 89.2         | 7.7           |
| 1990 | 100.0      | 0.0           | 100.0                                          | 89.3                   | 11.2                      | 88.8         | 10.7          |
| 1991 | 100.0      | 0.0           | 100.0                                          | 13.2                   | 11.1                      | 88.9         | 1.5           |
| 1992 | 100.0      | 0.0           | 100.0                                          | 32.6                   | 11.4                      | 88.6         | 4.5           |
| 1993 | 100.0      | 0.0           | 100.0                                          | 27.5                   | 11.9                      | 88.1         | 5.3           |
| 1994 | 100.0      | 0.0           | 100.0                                          | 29.4                   | 12.1                      | 87.9         | 6.1           |
| 1995 | 99.9       | 0.1           | 100.0                                          | 40.1                   | 12.1                      | 87.9         | 8.3           |
| 1996 | 99.9       | 0.1           | 100.0                                          | 43.4                   | 11.8                      | 88.2         | 7.6           |
| 1997 | 99.8       | 0.2           | 100.0                                          | 53.7                   | 12.3                      | 87.7         | 12.1          |
| 1998 | 99.9       | 0.1           | 100.0                                          | 63.8                   | 12.4                      | 87.6         | 15.6          |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 28.1

## México: Oferta y demanda total de naranjas y mandarinas

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA<br>( c = a+b )<br>( c = d+g ) | DEMANDA                |                |              |               |
|------|------------|---------------|------------------------------------------------|------------------------|----------------|--------------|---------------|
|      | Producción | Importaciones |                                                | Consumo aparente total | Desperdicios 1 | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                                                | ( d = e+f )            | ( e )          | ( f )        | ( g )         |
| 1961 | 772,000    | 3,800         | 775,800                                        | 738,807                | 84,618         | 654,189      | 36,993        |
| 1962 | 883,000    | 2,748         | 885,748                                        | 866,205                | 95,527         | 770,678      | 19,543        |
| 1963 | 855,000    | 3,550         | 858,550                                        | 806,547                | 93,339         | 713,208      | 52,003        |
| 1964 | 845,000    | 3,130         | 848,130                                        | 768,275                | 92,844         | 675,431      | 79,855        |
| 1965 | 1,401,000  | 3,001         | 1,404,001                                      | 1,315,257              | 148,877        | 1,166,380    | 88,744        |
| 1966 | 1,537,000  | 2,599         | 1,539,599                                      | 1,507,047              | 153,985        | 1,353,062    | 32,552        |
| 1967 | 1,805,000  | 643           | 1,805,643                                      | 1,759,855              | 190,567        | 1,569,288    | 45,788        |
| 1968 | 1,721,000  | 81            | 1,721,081                                      | 1,636,833              | 182,121        | 1,454,712    | 84,248        |
| 1969 | 1,626,000  | 51            | 1,626,051                                      | 1,573,131              | 173,131        | 1,400,000    | 52,920        |
| 1970 | 1,255,000  | 0             | 1,255,000                                      | 1,203,172              | 135,968        | 1,067,204    | 51,828        |
| 1971 | 1,566,000  | 0             | 1,566,000                                      | 1,507,956              | 166,995        | 1,340,961    | 58,044        |
| 1972 | 1,613,000  | 0             | 1,613,000                                      | 1,523,647              | 169,827        | 1,353,820    | 89,353        |
| 1973 | 1,798,000  | 441           | 1,798,441                                      | 1,701,750              | 190,183        | 1,511,567    | 96,691        |
| 1974 | 1,420,000  | 195           | 1,420,195                                      | 1,333,997              | 154,266        | 1,179,731    | 86,198        |
| 1975 | 1,615,000  | 260           | 1,615,260                                      | 1,578,086              | 177,084        | 1,401,002    | 37,174        |
| 1976 | 1,787,000  | 540           | 1,787,540                                      | 1,731,819              | 185,710        | 1,546,109    | 55,721        |
| 1977 | 1,857,000  | 998           | 1,857,998                                      | 1,753,702              | 191,568        | 1,562,134    | 104,296       |
| 1978 | 1,902,000  | 406           | 1,902,406                                      | 1,826,202              | 200,344        | 1,625,858    | 76,204        |
| 1979 | 1,902,000  | 494           | 1,902,494                                      | 1,833,646              | 200,804        | 1,632,842    | 68,848        |
| 1980 | 1,743,000  | 564           | 1,743,564                                      | 1,700,793              | 187,075        | 1,513,718    | 42,771        |
| 1981 | 1,820,000  | 1,568         | 1,821,568                                      | 1,780,158              | 193,478        | 1,586,680    | 41,410        |
| 1982 | 2,083,000  | 6             | 2,083,006                                      | 2,019,787              | 216,906        | 1,802,881    | 63,219        |
| 1983 | 2,113,000  | 0             | 2,113,000                                      | 2,008,397              | 219,682        | 1,788,715    | 104,603       |
| 1984 | 1,657,000  | 4             | 1,657,004                                      | 1,596,476              | 191,914        | 1,404,562    | 60,528        |
| 1985 | 1,770,000  | 0             | 1,770,000                                      | 1,563,663              | 185,492        | 1,378,171    | 206,337       |
| 1986 | 1,909,000  | 0             | 1,909,000                                      | 1,813,919              | 199,701        | 1,614,218    | 95,081        |
| 1987 | 1,934,000  | 2             | 1,934,002                                      | 1,810,040              | 202,354        | 1,607,686    | 123,962       |
| 1988 | 2,099,000  | 5,552         | 2,104,552                                      | 1,981,272              | 219,269        | 1,762,003    | 123,280       |
| 1989 | 2,372,000  | 4,583         | 2,376,583                                      | 2,236,610              | 246,579        | 1,990,031    | 139,973       |
| 1990 | 2,220,300  | 6,136         | 2,226,436                                      | 2,041,372              | 230,430        | 1,810,942    | 185,064       |
| 1991 | 2,369,500  | 4,928         | 2,374,428                                      | 2,261,794              | 245,879        | 2,015,915    | 112,634       |
| 1992 | 2,541,500  | 6,751         | 2,548,251                                      | 2,488,179              | 263,166        | 2,225,013    | 60,072        |
| 1993 | 2,913,700  | 7,540         | 2,921,240                                      | 2,862,043              | 311,263        | 2,550,780    | 59,197        |
| 1994 | 3,191,100  | 31,273        | 3,222,373                                      | 3,128,364              | 341,263        | 2,787,101    | 94,009        |
| 1995 | 3,571,500  | 12,029        | 3,583,529                                      | 3,408,714              | 384,752        | 3,023,962    | 174,815       |
| 1996 | 3,984,600  | 17,460        | 4,002,060                                      | 3,879,184              | 396,532        | 3,482,652    | 122,876       |
| 1997 | 3,943,858  | 22,924        | 3,966,782                                      | 3,836,051              | 420,724        | 3,415,327    | 130,731       |
| 1998 | 3,331,200  | 34,006        | 3,365,206                                      | 3,145,233              | 353,966        | 2,791,267    | 219,973       |

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 28.2

### México: Balance interno de naranjas y mandarinas

(Toneladas)

| AÑO  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 772,000    | 738,807                | 33,193          |
| 1962 | 883,000    | 866,205                | 16,795          |
| 1963 | 855,000    | 806,547                | 48,453          |
| 1964 | 845,000    | 768,275                | 76,725          |
| 1965 | 1,401,000  | 1,315,257              | 85,743          |
| 1966 | 1,537,000  | 1,507,047              | 29,953          |
| 1967 | 1,805,000  | 1,759,855              | 45,145          |
| 1968 | 1,721,000  | 1,636,833              | 84,167          |
| 1969 | 1,626,000  | 1,573,131              | 52,869          |
| 1970 | 1,255,000  | 1,203,172              | 51,828          |
| 1971 | 1,566,000  | 1,507,956              | 58,044          |
| 1972 | 1,613,000  | 1,523,647              | 89,353          |
| 1973 | 1,798,000  | 1,701,750              | 96,250          |
| 1974 | 1,420,000  | 1,333,997              | 86,003          |
| 1975 | 1,615,000  | 1,578,086              | 36,914          |
| 1976 | 1,787,000  | 1,731,819              | 55,181          |
| 1977 | 1,857,000  | 1,753,702              | 103,298         |
| 1978 | 1,902,000  | 1,826,202              | 75,798          |
| 1979 | 1,902,000  | 1,833,646              | 68,354          |
| 1980 | 1,743,000  | 1,700,793              | 42,207          |
| 1981 | 1,820,000  | 1,780,158              | 39,842          |
| 1982 | 2,083,000  | 2,019,787              | 63,213          |
| 1983 | 2,113,000  | 2,008,397              | 104,603         |
| 1984 | 1,657,000  | 1,596,476              | 60,524          |
| 1985 | 1,770,000  | 1,563,663              | 206,337         |
| 1986 | 1,909,000  | 1,813,919              | 95,081          |
| 1987 | 1,934,000  | 1,810,040              | 123,960         |
| 1988 | 2,099,000  | 1,981,272              | 117,728         |
| 1989 | 2,372,000  | 2,236,610              | 135,390         |
| 1990 | 2,220,300  | 2,041,372              | 178,928         |
| 1991 | 2,369,500  | 2,261,794              | 107,706         |
| 1992 | 2,541,500  | 2,488,179              | 53,321          |
| 1993 | 2,913,700  | 2,862,043              | 51,657          |
| 1994 | 3,191,100  | 3,128,364              | 62,736          |
| 1995 | 3,571,500  | 3,408,714              | 162,786         |
| 1996 | 3,984,600  | 3,879,184              | 105,416         |
| 1997 | 3,943,858  | 3,836,051              | 107,807         |
| 1998 | 3,331,200  | 3,145,233              | 185,967         |

Fuente: Elaborado por el CEEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 28.3

### México: Rendimiento de naranjas y mandarinas

| AÑO  | Superficie cosechada<br>(hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas / Hectárea) |
|------|------------------------------------|---------------------------|---------------------------------------|
| 1961 | 73,000                             | 772,000                   | 10.5753                               |
| 1962 | 79,000                             | 883,000                   | 11.1772                               |
| 1963 | 78,000                             | 855,000                   | 10.9615                               |
| 1964 | 78,000                             | 845,000                   | 10.8333                               |
| 1965 | 90,000                             | 1,401,000                 | 15.5667                               |
| 1966 | 99,000                             | 1,537,000                 | 15.5253                               |
| 1967 | 139,000                            | 1,805,000                 | 12.9856                               |
| 1968 | 143,000                            | 1,721,000                 | 12.0350                               |
| 1969 | 143,000                            | 1,626,000                 | 11.3706                               |
| 1970 | 154,000                            | 1,255,000                 | 8.1494                                |
| 1971 | 151,000                            | 1,566,000                 | 10.3709                               |
| 1972 | 155,000                            | 1,613,000                 | 10.4065                               |
| 1973 | 167,000                            | 1,798,000                 | 10.7665                               |
| 1974 | 161,000                            | 1,420,000                 | 8.8199                                |
| 1975 | 167,000                            | 1,615,000                 | 9.6707                                |
| 1976 | 161,000                            | 1,787,000                 | 11.0994                               |
| 1977 | 165,000                            | 1,857,000                 | 11.2545                               |
| 1978 | 165,000                            | 1,902,000                 | 11.5273                               |
| 1979 | 168,000                            | 1,902,000                 | 11.3214                               |
| 1980 | 162,000                            | 1,743,000                 | 10.7593                               |
| 1981 | 167,000                            | 1,820,000                 | 10.8982                               |
| 1982 | 170,000                            | 2,083,000                 | 12.2529                               |
| 1983 | 188,000                            | 2,113,000                 | 11.2394                               |
| 1984 | 150,000                            | 1,657,000                 | 11.0467                               |
| 1985 | 128,000                            | 1,770,000                 | 13.8281                               |
| 1986 | 131,000                            | 1,909,000                 | 14.5725                               |
| 1987 | 164,000                            | 1,934,000                 | 11.7927                               |
| 1988 | 164,000                            | 2,099,000                 | 12.7988                               |
| 1989 | 174,000                            | 2,372,000                 | 13.6322                               |
| 1990 | 176,000                            | 2,220,300                 | 12.6153                               |
| 1991 | 182,800                            | 2,369,500                 | 12.9623                               |
| 1992 | 217,600                            | 2,541,500                 | 11.6797                               |
| 1993 | 240,700                            | 2,913,700                 | 12.1051                               |
| 1994 | 257,300                            | 3,191,100                 | 12.4023                               |
| 1995 | 273,200                            | 3,571,500                 | 13.0728                               |
| 1996 | 312,600                            | 3,984,600                 | 12.7466                               |
| 1997 | 307,332                            | 3,943,858                 | 12.8326                               |
| 1998 | 305,800                            | 3,331,200                 | 10.8934                               |

Fuente: Elaborado por el CEEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



# SECTOR AGROPECUARIO

CUADRO 28.4

## México: Producción y consumo de naranjas y mandarinas por habitante

(Kilogramos)

| AÑO  | Población Nacional | Producción / Población | Consumo aparente / Población | Balance interno / Población |
|------|--------------------|------------------------|------------------------------|-----------------------------|
| 1961 | 36,214,784         | 21.3173                | 20.4007                      | 0.9166                      |
| 1962 | 37,486,139         | 23.5554                | 23.1073                      | 0.4480                      |
| 1963 | 38,800,538         | 22.0358                | 20.7870                      | 1.2488                      |
| 1964 | 40,147,986         | 21.0471                | 19.1361                      | 1.9111                      |
| 1965 | 41,535,828         | 33.7299                | 31.6656                      | 2.0643                      |
| 1966 | 42,955,469         | 35.7812                | 35.0839                      | 0.6973                      |
| 1967 | 44,397,880         | 40.6551                | 39.6383                      | 1.0168                      |
| 1968 | 45,859,633         | 37.5276                | 35.6922                      | 1.8353                      |
| 1969 | 47,337,557         | 34.3490                | 33.2322                      | 1.1169                      |
| 1970 | 48,852,306         | 25.6897                | 24.6288                      | 1.0609                      |
| 1971 | 50,393,091         | 31.0757                | 29.9239                      | 1.1518                      |
| 1972 | 51,948,772         | 31.0498                | 29.3298                      | 1.7200                      |
| 1973 | 53,517,788         | 33.5963                | 31.7978                      | 1.7985                      |
| 1974 | 55,104,832         | 25.7691                | 24.2083                      | 1.5607                      |
| 1975 | 56,687,703         | 28.4894                | 27.8382                      | 0.6512                      |
| 1976 | 58,291,820         | 30.6561                | 29.7095                      | 0.9466                      |
| 1977 | 59,900,617         | 31.0014                | 29.2769                      | 1.7245                      |
| 1978 | 61,527,486         | 30.9130                | 29.6811                      | 1.2319                      |
| 1979 | 63,161,213         | 30.1134                | 29.0312                      | 1.0822                      |
| 1980 | 64,788,572         | 26.9029                | 26.2514                      | 0.6515                      |
| 1981 | 66,425,164         | 27.3993                | 26.7995                      | 0.5998                      |
| 1982 | 68,081,155         | 30.5958                | 29.6673                      | 0.9285                      |
| 1983 | 69,744,148         | 30.2964                | 28.7966                      | 1.4998                      |
| 1984 | 71,421,164         | 23.2004                | 22.3530                      | 0.8474                      |
| 1985 | 73,112,440         | 24.2093                | 21.3871                      | 2.8222                      |
| 1986 | 74,817,783         | 25.5153                | 24.2445                      | 1.2708                      |
| 1987 | 76,536,428         | 25.2690                | 23.6494                      | 1.6196                      |
| 1988 | 78,266,888         | 26.8185                | 25.3143                      | 1.5042                      |
| 1989 | 80,019,134         | 29.6429                | 27.9509                      | 1.6920                      |
| 1990 | 81,781,347         | 27.1492                | 24.9613                      | 2.1879                      |
| 1991 | 83,554,530         | 28.3587                | 27.0697                      | 1.2891                      |
| 1992 | 85,348,102         | 29.7780                | 29.1533                      | 0.6247                      |
| 1993 | 87,117,464         | 33.4456                | 32.8527                      | 0.5930                      |
| 1994 | 88,863,239         | 35.9102                | 35.2043                      | 0.7060                      |
| 1995 | 90,578,718         | 39.4298                | 37.6326                      | 1.7972                      |
| 1996 | 92,228,065         | 43.2038                | 42.0608                      | 1.1430                      |
| 1997 | 93,813,963         | 42.0391                | 40.8900                      | 1.1492                      |
| 1998 | 95,326,450         | 34.9452                | 32.9943                      | 1.9508                      |

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 28.5

## México: Oferta y demanda total de naranjas y mandarinas

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           |                           | DEMANDA        |              |               |
|------|------------|---------------|----------------------------|---------------------------|----------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo aparente<br>total | Desperdicios 1 | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )               | ( e )          | ( f )        | ( g )         |
| 1961 | 99.5       | 0.5           | 100.0                      | 95.2                      | 11.5           | 88.5         | 4.8           |
| 1962 | 99.7       | 0.3           | 100.0                      | 97.8                      | 11.0           | 89.0         | 2.2           |
| 1963 | 99.6       | 0.4           | 100.0                      | 93.9                      | 11.6           | 88.4         | 6.1           |
| 1964 | 99.6       | 0.4           | 100.0                      | 90.6                      | 12.1           | 87.9         | 9.4           |
| 1965 | 99.8       | 0.2           | 100.0                      | 93.7                      | 11.3           | 88.7         | 6.3           |
| 1966 | 99.8       | 0.2           | 100.0                      | 97.9                      | 10.2           | 89.8         | 2.1           |
| 1967 | 100.0      | 0.0           | 100.0                      | 97.5                      | 10.8           | 89.2         | 2.5           |
| 1968 | 100.0      | 0.0           | 100.0                      | 95.1                      | 11.1           | 88.9         | 4.9           |
| 1969 | 100.0      | 0.0           | 100.0                      | 96.7                      | 11.0           | 89.0         | 3.3           |
| 1970 | 100.0      | 0.0           | 100.0                      | 95.9                      | 11.3           | 88.7         | 4.1           |
| 1971 | 100.0      | 0.0           | 100.0                      | 96.3                      | 11.1           | 88.9         | 3.7           |
| 1972 | 100.0      | 0.0           | 100.0                      | 94.5                      | 11.1           | 88.9         | 5.5           |
| 1973 | 100.0      | 0.0           | 100.0                      | 94.6                      | 11.2           | 88.8         | 5.4           |
| 1974 | 100.0      | 0.0           | 100.0                      | 93.9                      | 11.6           | 88.4         | 6.1           |
| 1975 | 100.0      | 0.0           | 100.0                      | 97.7                      | 11.2           | 88.8         | 2.3           |
| 1976 | 100.0      | 0.0           | 100.0                      | 96.9                      | 10.7           | 89.3         | 3.1           |
| 1977 | 99.9       | 0.1           | 100.0                      | 94.4                      | 10.9           | 89.1         | 5.6           |
| 1978 | 100.0      | 0.0           | 100.0                      | 96.0                      | 11.0           | 89.0         | 4.0           |
| 1979 | 100.0      | 0.0           | 100.0                      | 96.4                      | 11.0           | 89.0         | 3.6           |
| 1980 | 100.0      | 0.0           | 100.0                      | 97.5                      | 11.0           | 89.0         | 2.5           |
| 1981 | 99.9       | 0.1           | 100.0                      | 97.7                      | 10.9           | 89.1         | 2.3           |
| 1982 | 100.0      | 0.0           | 100.0                      | 97.0                      | 10.7           | 89.3         | 3.0           |
| 1983 | 100.0      | 0.0           | 100.0                      | 95.0                      | 10.9           | 89.1         | 5.0           |
| 1984 | 100.0      | 0.0           | 100.0                      | 96.3                      | 12.0           | 88.0         | 3.7           |
| 1985 | 100.0      | 0.0           | 100.0                      | 88.3                      | 11.9           | 88.1         | 11.7          |
| 1986 | 100.0      | 0.0           | 100.0                      | 95.0                      | 11.0           | 89.0         | 5.0           |
| 1987 | 100.0      | 0.0           | 100.0                      | 93.6                      | 11.2           | 88.8         | 6.4           |
| 1988 | 99.7       | 0.3           | 100.0                      | 94.1                      | 11.1           | 88.9         | 5.9           |
| 1989 | 99.8       | 0.2           | 100.0                      | 94.1                      | 11.0           | 89.0         | 5.9           |
| 1990 | 99.7       | 0.3           | 100.0                      | 91.7                      | 11.3           | 88.7         | 8.3           |
| 1991 | 99.8       | 0.2           | 100.0                      | 95.3                      | 10.9           | 89.1         | 4.7           |
| 1992 | 99.7       | 0.3           | 100.0                      | 97.6                      | 10.6           | 89.4         | 2.4           |
| 1993 | 99.7       | 0.3           | 100.0                      | 98.0                      | 10.9           | 89.1         | 2.0           |
| 1994 | 99.0       | 1.0           | 100.0                      | 97.1                      | 10.9           | 89.1         | 2.9           |
| 1995 | 99.7       | 0.3           | 100.0                      | 95.1                      | 11.3           | 88.7         | 4.9           |
| 1996 | 99.6       | 0.4           | 100.0                      | 96.9                      | 10.2           | 89.8         | 3.1           |
| 1997 | 99.4       | 0.6           | 100.0                      | 96.7                      | 11.0           | 89.0         | 3.3           |
| 1998 | 99.0       | 1.0           | 100.0                      | 93.5                      | 11.3           | 88.7         | 6.5           |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 29.1

## México: Oferta y demanda total de manzanas

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                |                |              |               |
|------|------------|---------------|----------------------------|------------------------|----------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo aparente total | Desperdicios 1 | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )            | ( e )          | ( f )        | ( g )         |
| 1961 | 80,000     | 2,045         | 82,045                     | 81,995                 | 8,177          | 73,818       | 50            |
| 1962 | 95,000     | 2,370         | 97,370                     | 97,370                 | 9,780          | 87,590       | 0             |
| 1963 | 119,000    | 3,490         | 122,490                    | 122,370                | 12,231         | 110,139      | 120           |
| 1964 | 124,000    | 3,355         | 127,355                    | 127,355                | 12,686         | 114,669      | 0             |
| 1965 | 136,000    | 3,901         | 139,901                    | 139,831                | 14,014         | 125,817      | 70            |
| 1966 | 140,000    | 2,974         | 142,974                    | 142,963                | 14,278         | 128,685      | 11            |
| 1967 | 115,000    | 2,607         | 117,607                    | 117,575                | 11,774         | 105,801      | 32            |
| 1968 | 126,000    | 2,283         | 128,283                    | 128,283                | 12,869         | 115,414      | 0             |
| 1969 | 145,000    | 2,481         | 147,481                    | 147,434                | 14,797         | 132,637      | 47            |
| 1970 | 146,000    | 4,367         | 150,367                    | 150,367                | 14,998         | 135,369      | 0             |
| 1971 | 233,000    | 5,799         | 238,799                    | 238,672                | 23,836         | 214,836      | 127           |
| 1972 | 227,000    | 7,401         | 234,401                    | 234,400                | 23,430         | 210,970      | 1             |
| 1973 | 190,000    | 4,483         | 194,483                    | 194,431                | 19,482         | 174,949      | 52            |
| 1974 | 232,000    | 5,160         | 237,160                    | 237,039                | 23,747         | 213,292      | 121           |
| 1975 | 194,000    | 5,173         | 199,173                    | 199,163                | 19,916         | 179,247      | 10            |
| 1976 | 329,000    | 7,232         | 336,232                    | 336,232                | 33,666         | 302,566      | 0             |
| 1977 | 187,000    | 5,479         | 192,479                    | 192,473                | 19,215         | 173,258      | 6             |
| 1978 | 274,000    | 4,072         | 278,072                    | 277,850                | 28,861         | 248,989      | 222           |
| 1979 | 277,000    | 1,771         | 278,771                    | 278,746                | 29,840         | 248,906      | 25            |
| 1980 | 249,000    | 5,151         | 254,151                    | 254,125                | 26,692         | 227,433      | 26            |
| 1981 | 386,000    | 2,389         | 388,389                    | 388,379                | 29,314         | 359,065      | 10            |
| 1982 | 371,000    | 94            | 371,094                    | 371,070                | 29,284         | 341,786      | 24            |
| 1983 | 294,000    | 17            | 294,017                    | 294,005                | 28,778         | 265,227      | 12            |
| 1984 | 461,000    | 26            | 461,026                    | 461,024                | 45,853         | 415,171      | 2             |
| 1985 | 423,000    | 11            | 423,011                    | 422,969                | 42,308         | 380,661      | 42            |
| 1986 | 448,000    | 589           | 448,589                    | 448,549                | 44,839         | 403,710      | 40            |
| 1987 | 486,000    | 1,891         | 487,891                    | 487,880                | 48,819         | 439,061      | 11            |
| 1988 | 507,000    | 3,258         | 510,258                    | 506,595                | 50,999         | 455,596      | 3,663         |
| 1989 | 506,000    | 1,095         | 507,095                    | 502,515                | 50,631         | 451,884      | 4,580         |
| 1990 | 456,500    | 5,299         | 461,799                    | 453,671                | 46,099         | 407,572      | 8,128         |
| 1991 | 527,400    | 21,953        | 549,353                    | 541,571                | 54,621         | 486,950      | 7,782         |
| 1992 | 598,200    | 63,464        | 661,664                    | 651,172                | 65,941         | 585,231      | 10,492        |
| 1993 | 537,800    | 127,046       | 664,846                    | 652,519                | 66,005         | 586,514      | 12,327        |
| 1994 | 487,700    | 163,164       | 650,864                    | 637,782                | 64,381         | 573,401      | 13,082        |
| 1995 | 413,200    | 84,776        | 497,976                    | 486,998                | 49,511         | 437,487      | 10,978        |
| 1996 | 426,700    | 93,726        | 520,426                    | 508,677                | 51,457         | 457,220      | 11,749        |
| 1997 | 629,277    | 116,236       | 745,513                    | 727,814                | 59,002         | 668,812      | 17,699        |
| 1998 | 370,200    | 87,057        | 457,257                    | 427,495                | 45,907         | 381,588      | 29,762        |

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 29.2**  
**México: Balance interno de manzanas**  
(Toneladas)

| AÑO  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 80,000     | 81,995                 | -1,995.0        |
| 1962 | 95,000     | 97,370                 | -2,370.0        |
| 1963 | 119,000    | 122,370                | -3,370.0        |
| 1964 | 124,000    | 127,355                | -3,355.0        |
| 1965 | 136,000    | 139,831                | -3,831.0        |
| 1966 | 140,000    | 142,963                | -2,963.0        |
| 1967 | 115,000    | 117,575                | -2,575.0        |
| 1968 | 126,000    | 128,283                | -2,283.0        |
| 1969 | 145,000    | 147,434                | -2,434.0        |
| 1970 | 146,000    | 150,367                | -4,367.0        |
| 1971 | 233,000    | 238,672                | -5,672.0        |
| 1972 | 227,000    | 234,400                | -7,400.0        |
| 1973 | 190,000    | 194,431                | -4,431.0        |
| 1974 | 232,000    | 237,039                | -5,039.0        |
| 1975 | 194,000    | 199,163                | -5,163.0        |
| 1976 | 329,000    | 336,232                | -7,232.0        |
| 1977 | 187,000    | 192,473                | -5,473.0        |
| 1978 | 274,000    | 277,850                | -3,850.0        |
| 1979 | 277,000    | 278,746                | -1,746.0        |
| 1980 | 249,000    | 254,125                | -5,125.0        |
| 1981 | 386,000    | 388,379                | -2,379.0        |
| 1982 | 371,000    | 371,070                | -70.0           |
| 1983 | 294,000    | 294,005                | -5.0            |
| 1984 | 461,000    | 461,024                | -24.0           |
| 1985 | 423,000    | 422,969                | 31.0            |
| 1986 | 448,000    | 448,549                | -549.0          |
| 1987 | 486,000    | 487,880                | -1,880.0        |
| 1988 | 507,000    | 506,595                | 405.0           |
| 1989 | 506,000    | 502,515                | 3,485.0         |
| 1990 | 456,500    | 453,671                | 2,829.0         |
| 1991 | 527,400    | 541,571                | -14,171.0       |
| 1992 | 598,200    | 651,172                | -52,972.0       |
| 1993 | 537,800    | 652,519                | -114,719.0      |
| 1994 | 487,700    | 637,782                | -150,082.0      |
| 1995 | 413,200    | 486,998                | -73,798.0       |
| 1996 | 426,700    | 508,677                | -81,977.0       |
| 1997 | 629,277    | 727,814                | -98,537.0       |
| 1998 | 370,200    | 427,495                | -57,295.0       |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 29.3**  
**México: Rendimiento de manzanas**

| <b>AÑO</b> | <b>Superficie cosechada</b><br>(hectárea) | <b>Producción</b><br>(Toneladas) | <b>Rendimiento</b><br>(Toneladas / Hectárea) |
|------------|-------------------------------------------|----------------------------------|----------------------------------------------|
| 1961       | 8,000                                     | 80,000                           | 10.0000                                      |
| 1962       | 9,000                                     | 95,000                           | 10.5556                                      |
| 1963       | 10,000                                    | 119,000                          | 11.9000                                      |
| 1964       | 11,000                                    | 124,000                          | 11.2727                                      |
| 1965       | 12,000                                    | 136,000                          | 11.3333                                      |
| 1966       | 12,000                                    | 140,000                          | 11.6667                                      |
| 1967       | 11,000                                    | 115,000                          | 10.4545                                      |
| 1968       | 12,000                                    | 126,000                          | 10.5000                                      |
| 1969       | 15,000                                    | 145,000                          | 9.6667                                       |
| 1970       | 16,000                                    | 146,000                          | 9.1250                                       |
| 1971       | 22,000                                    | 233,000                          | 10.5909                                      |
| 1972       | 30,000                                    | 227,000                          | 7.5667                                       |
| 1973       | 33,000                                    | 190,000                          | 5.7576                                       |
| 1974       | 35,000                                    | 232,000                          | 6.6286                                       |
| 1975       | 32,000                                    | 194,000                          | 6.0625                                       |
| 1976       | 34,000                                    | 329,000                          | 9.6765                                       |
| 1977       | 40,000                                    | 187,000                          | 4.6750                                       |
| 1978       | 41,000                                    | 274,000                          | 6.6829                                       |
| 1979       | 42,000                                    | 277,000                          | 6.5952                                       |
| 1980       | 45,000                                    | 249,000                          | 5.5333                                       |
| 1981       | 56,000                                    | 386,000                          | 6.8929                                       |
| 1982       | 45,000                                    | 371,000                          | 8.2444                                       |
| 1983       | 47,000                                    | 294,000                          | 6.2553                                       |
| 1984       | 54,000                                    | 461,000                          | 8.5370                                       |
| 1985       | 52,000                                    | 423,000                          | 8.1346                                       |
| 1986       | 49,000                                    | 448,000                          | 9.1429                                       |
| 1987       | 46,000                                    | 486,000                          | 10.5652                                      |
| 1988       | 57,000                                    | 507,000                          | 8.8947                                       |
| 1989       | 57,000                                    | 506,000                          | 8.8772                                       |
| 1990       | 57,800                                    | 456,500                          | 7.8979                                       |
| 1991       | 58,000                                    | 527,400                          | 9.0931                                       |
| 1992       | 60,400                                    | 598,200                          | 9.9040                                       |
| 1993       | 66,400                                    | 537,800                          | 8.0994                                       |
| 1994       | 61,500                                    | 487,700                          | 7.9301                                       |
| 1995       | 61,300                                    | 413,200                          | 6.7406                                       |
| 1996       | 60,200                                    | 426,700                          | 7.0880                                       |
| 1997       | 62,507                                    | 629,277                          | 10.0673                                      |
| 1998       | 58,700                                    | 370,200                          | 6.3066                                       |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 29.4

### México: Producción y consumo de manzanas por habitante (Kilogramos)

| AÑO  | Población Nacional | Producción / Población | Consumo aparente / Población | Balance interno / Población |
|------|--------------------|------------------------|------------------------------|-----------------------------|
| 1961 | 36,214,784         | 2.2090                 | 2.2641                       | -0.0551                     |
| 1962 | 37,486,139         | 2.5343                 | 2.5975                       | -0.0632                     |
| 1963 | 38,800,538         | 3.0670                 | 3.1538                       | -0.0869                     |
| 1964 | 40,147,986         | 3.0886                 | 3.1721                       | -0.0836                     |
| 1965 | 41,535,828         | 3.2743                 | 3.3665                       | -0.0922                     |
| 1966 | 42,955,469         | 3.2592                 | 3.3282                       | -0.0690                     |
| 1967 | 44,397,880         | 2.5902                 | 2.6482                       | -0.0580                     |
| 1968 | 45,859,633         | 2.7475                 | 2.7973                       | -0.0498                     |
| 1969 | 47,337,557         | 3.0631                 | 3.1145                       | -0.0514                     |
| 1970 | 48,852,306         | 2.9886                 | 3.0780                       | -0.0894                     |
| 1971 | 50,393,091         | 4.6236                 | 4.7362                       | -0.1126                     |
| 1972 | 51,948,772         | 4.3697                 | 4.5121                       | -0.1424                     |
| 1973 | 53,517,788         | 3.5502                 | 3.6330                       | -0.0828                     |
| 1974 | 55,104,832         | 4.2102                 | 4.3016                       | -0.0914                     |
| 1975 | 56,687,703         | 3.4223                 | 3.5133                       | -0.0911                     |
| 1976 | 58,291,820         | 5.6440                 | 5.7681                       | -0.1241                     |
| 1977 | 59,900,617         | 3.1218                 | 3.2132                       | -0.0914                     |
| 1978 | 61,527,486         | 4.4533                 | 4.5159                       | -0.0626                     |
| 1979 | 63,161,213         | 4.3856                 | 4.4132                       | -0.0276                     |
| 1980 | 64,788,572         | 3.8433                 | 3.9224                       | -0.0791                     |
| 1981 | 66,425,164         | 5.8111                 | 5.8469                       | -0.0358                     |
| 1982 | 68,081,155         | 5.4494                 | 5.4504                       | -0.0010                     |
| 1983 | 69,744,148         | 4.2154                 | 4.2155                       | -0.0001                     |
| 1984 | 71,421,164         | 6.4547                 | 6.4550                       | -0.0003                     |
| 1985 | 73,112,440         | 5.7856                 | 5.7852                       | 0.0004                      |
| 1986 | 74,817,783         | 5.9879                 | 5.9952                       | -0.0073                     |
| 1987 | 76,536,428         | 6.3499                 | 6.3745                       | -0.0246                     |
| 1988 | 78,266,888         | 6.4778                 | 6.4727                       | 0.0052                      |
| 1989 | 80,019,134         | 6.3235                 | 6.2799                       | 0.0436                      |
| 1990 | 81,781,347         | 5.5820                 | 5.5474                       | 0.0346                      |
| 1991 | 83,554,530         | 6.3120                 | 6.4816                       | -0.1696                     |
| 1992 | 85,348,102         | 7.0089                 | 7.6296                       | -0.6207                     |
| 1993 | 87,117,464         | 6.1733                 | 7.4901                       | -1.3168                     |
| 1994 | 88,863,239         | 5.4882                 | 7.1771                       | -1.6889                     |
| 1995 | 90,578,718         | 4.5618                 | 5.3765                       | -0.8147                     |
| 1996 | 92,228,065         | 4.6266                 | 5.5154                       | -0.8889                     |
| 1997 | 93,813,963         | 6.7077                 | 7.7581                       | -1.0503                     |
| 1998 | 95,326,450         | 3.8835                 | 4.4845                       | -0.6010                     |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 29.5

## México: Oferta y demanda total de manzanas

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                   |                           |              |               |
|------|------------|---------------|----------------------------|---------------------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo aparente<br>total | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )               | ( e )                     | ( f )        | ( g )         |
| 1961 | 97.5       | 2.5           | 100.0                      | 99.9                      | 10.0                      | 90.0         | 0.1           |
| 1962 | 97.6       | 2.4           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1963 | 97.2       | 2.8           | 100.0                      | 99.9                      | 10.0                      | 90.0         | 0.1           |
| 1964 | 97.4       | 2.6           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1965 | 97.2       | 2.8           | 100.0                      | 99.9                      | 10.0                      | 90.0         | 0.1           |
| 1966 | 97.9       | 2.1           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1967 | 97.8       | 2.2           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1968 | 98.2       | 1.8           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1969 | 98.3       | 1.7           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1970 | 97.1       | 2.9           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1971 | 97.6       | 2.4           | 100.0                      | 99.9                      | 10.0                      | 90.0         | 0.1           |
| 1972 | 96.8       | 3.2           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1973 | 97.7       | 2.3           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1974 | 97.8       | 2.2           | 100.0                      | 99.9                      | 10.0                      | 90.0         | 0.1           |
| 1975 | 97.4       | 2.6           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1976 | 97.8       | 2.2           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1977 | 97.2       | 2.8           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1978 | 98.5       | 1.5           | 100.0                      | 99.9                      | 10.4                      | 89.6         | 0.1           |
| 1979 | 99.4       | 0.6           | 100.0                      | 100.0                     | 10.7                      | 89.3         | 0.0           |
| 1980 | 98.0       | 2.0           | 100.0                      | 100.0                     | 10.5                      | 89.5         | 0.0           |
| 1981 | 99.4       | 0.6           | 100.0                      | 100.0                     | 7.5                       | 92.5         | 0.0           |
| 1982 | 100.0      | 0.0           | 100.0                      | 100.0                     | 7.9                       | 92.1         | 0.0           |
| 1983 | 100.0      | 0.0           | 100.0                      | 100.0                     | 9.8                       | 90.2         | 0.0           |
| 1984 | 100.0      | 0.0           | 100.0                      | 100.0                     | 9.9                       | 90.1         | 0.0           |
| 1985 | 100.0      | 0.0           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1986 | 99.9       | 0.1           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1987 | 99.6       | 0.4           | 100.0                      | 100.0                     | 10.0                      | 90.0         | 0.0           |
| 1988 | 99.4       | 0.6           | 100.0                      | 99.3                      | 10.1                      | 89.9         | 0.7           |
| 1989 | 99.8       | 0.2           | 100.0                      | 99.1                      | 10.1                      | 89.9         | 0.9           |
| 1990 | 98.9       | 1.1           | 100.0                      | 98.2                      | 10.2                      | 89.8         | 1.8           |
| 1991 | 96.0       | 4.0           | 100.0                      | 98.6                      | 10.1                      | 89.9         | 1.4           |
| 1992 | 90.4       | 9.6           | 100.0                      | 98.4                      | 10.1                      | 89.9         | 1.6           |
| 1993 | 80.9       | 19.1          | 100.0                      | 98.1                      | 10.1                      | 89.9         | 1.9           |
| 1994 | 74.9       | 25.1          | 100.0                      | 98.0                      | 10.1                      | 89.9         | 2.0           |
| 1995 | 83.0       | 17.0          | 100.0                      | 97.8                      | 10.2                      | 89.8         | 2.2           |
| 1996 | 82.0       | 18.0          | 100.0                      | 97.7                      | 10.1                      | 89.9         | 2.3           |
| 1997 | 84.4       | 15.6          | 100.0                      | 97.6                      | 8.1                       | 91.9         | 2.4           |
| 1998 | 81.0       | 19.0          | 100.0                      | 93.5                      | 10.7                      | 89.3         | 6.5           |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 30.1

## México: Oferta y demanda total de platano

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                   |                           |              |               |
|------|------------|---------------|----------------------------|---------------------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo<br>aparente total | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )               | ( e )                     | ( f )        | ( g )         |
| 1961 | 647,000    | 0             | 647,000                    | 624,430                   | 84,066                    | 540,364      | 22,570        |
| 1962 | 710,000    | 0             | 710,000                    | 701,610                   | 92,349                    | 609,261      | 8,390         |
| 1963 | 940,000    | 0             | 940,000                    | 928,420                   | 122,166                   | 806,254      | 11,580        |
| 1964 | 949,000    | 0             | 949,000                    | 931,930                   | 123,340                   | 808,590      | 17,070        |
| 1965 | 1,035,000  | 0             | 1,035,000                  | 1,020,660                 | 134,560                   | 886,100      | 14,340        |
| 1966 | 1,058,000  | 0             | 1,058,000                  | 1,046,123                 | 137,484                   | 908,639      | 11,877        |
| 1967 | 916,000    | 0             | 916,000                    | 909,130                   | 119,051                   | 790,079      | 6,870         |
| 1968 | 904,000    | 0             | 904,000                    | 892,378                   | 117,557                   | 774,821      | 11,622        |
| 1969 | 721,000    | 0             | 721,000                    | 719,386                   | 93,739                    | 625,647      | 1,614         |
| 1970 | 965,000    | 0             | 965,000                    | 963,661                   | 125,483                   | 838,178      | 1,339         |
| 1971 | 1,121,000  | 0             | 1,121,000                  | 1,120,537                 | 145,746                   | 974,791      | 463           |
| 1972 | 1,094,000  | 0             | 1,094,000                  | 1,092,530                 | 142,156                   | 950,374      | 1,470         |
| 1973 | 1,064,000  | 0             | 1,064,000                  | 1,062,831                 | 138,260                   | 924,571      | 1,169         |
| 1974 | 1,098,000  | 0             | 1,098,000                  | 1,097,967                 | 142,734                   | 955,233      | 33            |
| 1975 | 1,195,000  | 0             | 1,195,000                  | 1,191,444                 | 155,324                   | 1,036,120    | 3,556         |
| 1976 | 1,199,000  | 0             | 1,199,000                  | 1,188,568                 | 155,926                   | 1,032,642    | 10,432        |
| 1977 | 1,276,000  | 0             | 1,276,000                  | 1,260,260                 | 165,881                   | 1,094,379    | 15,740        |
| 1978 | 1,393,000  | 0             | 1,393,000                  | 1,375,457                 | 181,100                   | 1,194,357    | 17,543        |
| 1979 | 1,271,000  | 0             | 1,271,000                  | 1,253,953                 | 166,062                   | 1,087,891    | 17,047        |
| 1980 | 1,438,000  | 0             | 1,438,000                  | 1,422,090                 | 186,909                   | 1,235,181    | 15,910        |
| 1981 | 1,605,000  | 0             | 1,605,000                  | 1,599,073                 | 206,813                   | 1,392,260    | 5,927         |
| 1982 | 1,673,000  | 0             | 1,673,000                  | 1,666,055                 | 204,412                   | 1,461,643    | 6,945         |
| 1983 | 1,622,000  | 0             | 1,622,000                  | 1,602,776                 | 213,260                   | 1,389,516    | 19,224        |
| 1984 | 2,093,000  | 0             | 2,093,000                  | 2,060,572                 | 272,118                   | 1,788,454    | 32,428        |
| 1985 | 1,996,000  | 0             | 1,996,000                  | 1,952,169                 | 259,474                   | 1,692,695    | 43,831        |
| 1986 | 1,473,000  | 0             | 1,473,000                  | 1,392,464                 | 191,461                   | 1,201,003    | 80,536        |
| 1987 | 1,770,000  | 0             | 1,770,000                  | 1,675,418                 | 230,084                   | 1,445,334    | 94,582        |
| 1988 | 1,566,000  | 341           | 1,566,341                  | 1,476,663                 | 203,580                   | 1,273,083    | 89,678        |
| 1989 | 1,824,000  | 2,730         | 1,826,730                  | 1,726,670                 | 237,429                   | 1,489,241    | 100,060       |
| 1990 | 1,986,400  | 933           | 1,987,333                  | 1,833,219                 | 258,353                   | 1,574,866    | 154,114       |
| 1991 | 1,889,300  | 21            | 1,889,321                  | 1,651,361                 | 245,611                   | 1,405,750    | 237,960       |
| 1992 | 2,095,400  | 92            | 2,095,492                  | 1,915,934                 | 272,408                   | 1,643,526    | 179,558       |
| 1993 | 2,206,900  | 31            | 2,206,931                  | 1,911,547                 | 286,900                   | 1,624,647    | 295,384       |
| 1994 | 2,295,500  | 21            | 2,295,521                  | 2,087,590                 | 298,411                   | 1,789,179    | 207,931       |
| 1995 | 2,032,700  | 7             | 2,032,707                  | 1,932,641                 | 264,246                   | 1,668,395    | 100,066       |
| 1996 | 2,209,600  | 4             | 2,209,604                  | 2,046,690                 | 271,615                   | 1,775,075    | 162,914       |
| 1997 | 1,714,457  | 9             | 1,714,466                  | 1,474,236                 | 121,230                   | 1,353,006    | 240,230       |
| 1998 | 1,525,800  | 0             | 1,525,800                  | 1,285,570                 | 121,230                   | 1,164,340    | 240,230       |

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



## SECTOR AGROPECUARIO

CUADRO 30.2

### México: Balance interno de platano (Toneladas)

| AÑO  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 647,000    | 624,430                | 22,570.0        |
| 1962 | 710,000    | 701,610                | 8,390.0         |
| 1963 | 940,000    | 928,420                | 11,580.0        |
| 1964 | 949,000    | 931,930                | 17,070.0        |
| 1965 | 1,035,000  | 1,020,660              | 14,340.0        |
| 1966 | 1,058,000  | 1,046,123              | 11,877.0        |
| 1967 | 916,000    | 909,130                | 6,870.0         |
| 1968 | 904,000    | 892,378                | 11,622.0        |
| 1969 | 721,000    | 719,386                | 1,614.0         |
| 1970 | 965,000    | 963,661                | 1,339.0         |
| 1971 | 1,121,000  | 1,120,537              | 463.0           |
| 1972 | 1,094,000  | 1,092,530              | 1,470.0         |
| 1973 | 1,064,000  | 1,062,831              | 1,169.0         |
| 1974 | 1,098,000  | 1,097,967              | 33.0            |
| 1975 | 1,195,000  | 1,191,444              | 3,556.0         |
| 1976 | 1,199,000  | 1,188,568              | 10,432.0        |
| 1977 | 1,276,000  | 1,260,260              | 15,740.0        |
| 1978 | 1,393,000  | 1,375,457              | 17,543.0        |
| 1979 | 1,271,000  | 1,253,953              | 17,047.0        |
| 1980 | 1,438,000  | 1,422,090              | 15,910.0        |
| 1981 | 1,605,000  | 1,599,073              | 5,927.0         |
| 1982 | 1,673,000  | 1,666,055              | 6,945.0         |
| 1983 | 1,622,000  | 1,602,776              | 19,224.0        |
| 1984 | 2,093,000  | 2,060,572              | 32,428.0        |
| 1985 | 1,996,000  | 1,952,169              | 43,831.0        |
| 1986 | 1,473,000  | 1,392,464              | 80,536.0        |
| 1987 | 1,770,000  | 1,675,418              | 94,582.0        |
| 1988 | 1,566,000  | 1,476,663              | 89,337.0        |
| 1989 | 1,824,000  | 1,726,670              | 97,330.0        |
| 1990 | 1,986,400  | 1,833,219              | 153,181.0       |
| 1991 | 1,889,300  | 1,651,361              | 237,939.0       |
| 1992 | 2,095,400  | 1,915,934              | 179,466.0       |
| 1993 | 2,206,900  | 1,911,547              | 295,353.0       |
| 1994 | 2,295,500  | 2,087,590              | 207,910.0       |
| 1995 | 2,032,700  | 1,932,641              | 100,059.0       |
| 1996 | 2,209,600  | 2,046,690              | 162,910.0       |
| 1997 | 1,714,457  | 1,474,236              | 240,221.0       |
| 1998 | 1,525,800  | 1,285,570              | 240,230.0       |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 30.3

### México: Rendimiento de platano

| AÑO  | Superficie cosechada<br>(hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas / Hectárea) |
|------|------------------------------------|---------------------------|---------------------------------------|
| 1961 | 56,000                             | 647,000                   | 11.5536                               |
| 1962 | 59,000                             | 710,000                   | 12.0339                               |
| 1963 | 74,000                             | 940,000                   | 12.7027                               |
| 1964 | 74,000                             | 949,000                   | 12.8243                               |
| 1965 | 75,000                             | 1,035,000                 | 13.8000                               |
| 1966 | 81,000                             | 1,058,000                 | 13.0617                               |
| 1967 | 71,000                             | 916,000                   | 12.9014                               |
| 1968 | 71,000                             | 904,000                   | 12.7324                               |
| 1969 | 58,000                             | 721,000                   | 12.4310                               |
| 1970 | 74,000                             | 965,000                   | 13.0405                               |
| 1971 | 82,000                             | 1,121,000                 | 13.6707                               |
| 1972 | 74,000                             | 1,094,000                 | 14.7838                               |
| 1973 | 67,000                             | 1,064,000                 | 15.8806                               |
| 1974 | 71,000                             | 1,098,000                 | 15.4648                               |
| 1975 | 75,000                             | 1,195,000                 | 15.9333                               |
| 1976 | 73,000                             | 1,199,000                 | 16.4247                               |
| 1977 | 68,000                             | 1,276,000                 | 18.7647                               |
| 1978 | 72,000                             | 1,393,000                 | 19.3472                               |
| 1979 | 66,000                             | 1,271,000                 | 19.2576                               |
| 1980 | 73,000                             | 1,438,000                 | 19.6986                               |
| 1981 | 75,000                             | 1,605,000                 | 21.4000                               |
| 1982 | 74,000                             | 1,673,000                 | 22.6081                               |
| 1983 | 72,000                             | 1,622,000                 | 22.5278                               |
| 1984 | 75,000                             | 2,093,000                 | 27.9067                               |
| 1985 | 79,000                             | 1,996,000                 | 25.2658                               |
| 1986 | 72,000                             | 1,473,000                 | 20.4583                               |
| 1987 | 80,000                             | 1,770,000                 | 22.1250                               |
| 1988 | 71,000                             | 1,566,000                 | 22.0563                               |
| 1989 | 81,000                             | 1,824,000                 | 22.5185                               |
| 1990 | 74,700                             | 1,986,400                 | 26.5917                               |
| 1991 | 73,600                             | 1,889,300                 | 25.6698                               |
| 1992 | 73,800                             | 2,095,400                 | 28.3930                               |
| 1993 | 78,700                             | 2,206,900                 | 28.0419                               |
| 1994 | 75,200                             | 2,295,500                 | 30.5253                               |
| 1995 | 73,600                             | 2,032,700                 | 27.6182                               |
| 1996 | 68,400                             | 2,209,600                 | 32.3041                               |
| 1997 | 67,801                             | 1,714,457                 | 25.2866                               |
| 1998 | 66,400                             | 1,525,800                 | 22.9789                               |

Fuente: Elaborado por el CEEP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 30.4

## México: Producción y consumo de platano por habitante (Kilogramos)

| AÑO  | Población Nacional | Producción / Población | Consumo aparente / Población | Balance interno / Población |
|------|--------------------|------------------------|------------------------------|-----------------------------|
| 1961 | 36,214,784         | 17.8656                | 17.2424                      | 0.6232                      |
| 1962 | 37,486,139         | 18.9403                | 18.7165                      | 0.2238                      |
| 1963 | 38,800,538         | 24.2265                | 23.9280                      | 0.2984                      |
| 1964 | 40,147,986         | 23.6375                | 23.2124                      | 0.4252                      |
| 1965 | 41,535,828         | 24.9182                | 24.5730                      | 0.3452                      |
| 1966 | 42,955,469         | 24.6302                | 24.3537                      | 0.2765                      |
| 1967 | 44,397,880         | 20.6316                | 20.4769                      | 0.1547                      |
| 1968 | 45,859,633         | 19.7123                | 19.4589                      | 0.2534                      |
| 1969 | 47,337,557         | 15.2310                | 15.1969                      | 0.0341                      |
| 1970 | 48,852,306         | 19.7534                | 19.7260                      | 0.0274                      |
| 1971 | 50,393,091         | 22.2451                | 22.2359                      | 0.0092                      |
| 1972 | 51,948,772         | 21.0592                | 21.0309                      | 0.0283                      |
| 1973 | 53,517,788         | 19.8812                | 19.8594                      | 0.0218                      |
| 1974 | 55,104,832         | 19.9257                | 19.9251                      | 0.0006                      |
| 1975 | 56,687,703         | 21.0804                | 21.0177                      | 0.0627                      |
| 1976 | 58,291,820         | 20.5689                | 20.3900                      | 0.1790                      |
| 1977 | 59,900,617         | 21.3020                | 21.0392                      | 0.2628                      |
| 1978 | 61,527,486         | 22.6403                | 22.3552                      | 0.2851                      |
| 1979 | 63,161,213         | 20.1231                | 19.8532                      | 0.2699                      |
| 1980 | 64,788,572         | 22.1953                | 21.9497                      | 0.2456                      |
| 1981 | 66,425,164         | 24.1625                | 24.0733                      | 0.0892                      |
| 1982 | 68,081,155         | 24.5736                | 24.4716                      | 0.1020                      |
| 1983 | 69,744,148         | 23.2564                | 22.9808                      | 0.2756                      |
| 1984 | 71,421,164         | 29.3050                | 28.8510                      | 0.4540                      |
| 1985 | 73,112,440         | 27.3004                | 26.7009                      | 0.5995                      |
| 1986 | 74,817,783         | 19.6878                | 18.6114                      | 1.0764                      |
| 1987 | 76,536,428         | 23.1262                | 21.8905                      | 1.2358                      |
| 1988 | 78,266,888         | 20.0085                | 18.8670                      | 1.1414                      |
| 1989 | 80,019,134         | 22.7945                | 21.5782                      | 1.2163                      |
| 1990 | 81,781,347         | 24.2892                | 22.4161                      | 1.8731                      |
| 1991 | 83,554,530         | 22.6116                | 19.7639                      | 2.8477                      |
| 1992 | 85,348,102         | 24.5512                | 22.4485                      | 2.1028                      |
| 1993 | 87,117,464         | 25.3325                | 21.9422                      | 3.3903                      |
| 1994 | 88,863,239         | 25.8318                | 23.4922                      | 2.3397                      |
| 1995 | 90,578,718         | 22.4413                | 21.3366                      | 1.1047                      |
| 1996 | 92,228,065         | 23.9580                | 22.1916                      | 1.7664                      |
| 1997 | 93,813,963         | 18.2751                | 15.7145                      | 2.5606                      |
| 1998 | 95,326,450         | 16.0061                | 13.4860                      | 2.5201                      |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 30.5

## México: Oferta y demanda total de platano

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                   |                |              |               |
|------|------------|---------------|----------------------------|---------------------------|----------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo aparente<br>total | Desperdicios 1 | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )               | ( e )          | ( f )        | ( g )         |
| 1961 | 100.0      | 0.0           | 100.0                      | 96.5                      | 13.5           | 86.5         | 3.5           |
| 1962 | 100.0      | 0.0           | 100.0                      | 98.8                      | 13.2           | 86.8         | 1.2           |
| 1963 | 100.0      | 0.0           | 100.0                      | 98.8                      | 13.2           | 86.8         | 1.2           |
| 1964 | 100.0      | 0.0           | 100.0                      | 98.2                      | 13.2           | 86.8         | 1.8           |
| 1965 | 100.0      | 0.0           | 100.0                      | 98.6                      | 13.2           | 86.8         | 1.4           |
| 1966 | 100.0      | 0.0           | 100.0                      | 98.9                      | 13.1           | 86.9         | 1.1           |
| 1967 | 100.0      | 0.0           | 100.0                      | 99.3                      | 13.1           | 86.9         | 0.8           |
| 1968 | 100.0      | 0.0           | 100.0                      | 98.7                      | 13.2           | 86.8         | 1.3           |
| 1969 | 100.0      | 0.0           | 100.0                      | 99.8                      | 13.0           | 87.0         | 0.2           |
| 1970 | 100.0      | 0.0           | 100.0                      | 99.9                      | 13.0           | 87.0         | 0.1           |
| 1971 | 100.0      | 0.0           | 100.0                      | 100.0                     | 13.0           | 87.0         | 0.0           |
| 1972 | 100.0      | 0.0           | 100.0                      | 99.9                      | 13.0           | 87.0         | 0.1           |
| 1973 | 100.0      | 0.0           | 100.0                      | 99.9                      | 13.0           | 87.0         | 0.1           |
| 1974 | 100.0      | 0.0           | 100.0                      | 100.0                     | 13.0           | 87.0         | 0.0           |
| 1975 | 100.0      | 0.0           | 100.0                      | 99.7                      | 13.0           | 87.0         | 0.3           |
| 1976 | 100.0      | 0.0           | 100.0                      | 99.1                      | 13.1           | 86.9         | 0.9           |
| 1977 | 100.0      | 0.0           | 100.0                      | 98.8                      | 13.2           | 86.8         | 1.2           |
| 1978 | 100.0      | 0.0           | 100.0                      | 98.7                      | 13.2           | 86.8         | 1.3           |
| 1979 | 100.0      | 0.0           | 100.0                      | 98.7                      | 13.2           | 86.8         | 1.3           |
| 1980 | 100.0      | 0.0           | 100.0                      | 98.9                      | 13.1           | 86.9         | 1.1           |
| 1981 | 100.0      | 0.0           | 100.0                      | 99.6                      | 12.9           | 87.1         | 0.4           |
| 1982 | 100.0      | 0.0           | 100.0                      | 99.6                      | 12.3           | 87.7         | 0.4           |
| 1983 | 100.0      | 0.0           | 100.0                      | 98.8                      | 13.3           | 86.7         | 1.2           |
| 1984 | 100.0      | 0.0           | 100.0                      | 98.5                      | 13.2           | 86.8         | 1.5           |
| 1985 | 100.0      | 0.0           | 100.0                      | 97.8                      | 13.3           | 86.7         | 2.2           |
| 1986 | 100.0      | 0.0           | 100.0                      | 94.5                      | 13.7           | 86.3         | 5.5           |
| 1987 | 100.0      | 0.0           | 100.0                      | 94.7                      | 13.7           | 86.3         | 5.3           |
| 1988 | 100.0      | 0.0           | 100.0                      | 94.3                      | 13.8           | 86.2         | 5.7           |
| 1989 | 99.9       | 0.1           | 100.0                      | 94.5                      | 13.8           | 86.2         | 5.5           |
| 1990 | 100.0      | 0.0           | 100.0                      | 92.2                      | 14.1           | 85.9         | 7.8           |
| 1991 | 100.0      | 0.0           | 100.0                      | 87.4                      | 14.9           | 85.1         | 12.6          |
| 1992 | 100.0      | 0.0           | 100.0                      | 91.4                      | 14.2           | 85.8         | 8.6           |
| 1993 | 100.0      | 0.0           | 100.0                      | 86.6                      | 15.0           | 85.0         | 13.4          |
| 1994 | 100.0      | 0.0           | 100.0                      | 90.9                      | 14.3           | 85.7         | 9.1           |
| 1995 | 100.0      | 0.0           | 100.0                      | 95.1                      | 13.7           | 86.3         | 4.9           |
| 1996 | 100.0      | 0.0           | 100.0                      | 92.6                      | 13.3           | 86.7         | 7.4           |
| 1997 | 100.0      | 0.0           | 100.0                      | 86.0                      | 8.2            | 91.8         | 14.0          |
| 1998 | 100.0      | 0.0           | 100.0                      | 84.3                      | 9.4            | 90.6         | 15.7          |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

1 El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFPA de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 31.1

## México: Oferta y demanda total de tabaco

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           |                           | DEMANDA                   |              |               |
|------|------------|---------------|----------------------------|---------------------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo<br>aparente total | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )               | ( e )                     | ( f )        | ( g )         |
| 1961 | 66,922     | 3,137         | 70,059                     | 68,687                    | 2,090                     | 66,597       | 1,372         |
| 1962 | 67,387     | 3,527         | 70,914                     | 66,446                    | 2,113                     | 64,333       | 4,468         |
| 1963 | 67,581     | 3,256         | 70,837                     | 58,339                    | 2,112                     | 56,227       | 12,498        |
| 1964 | 67,767     | 3,959         | 71,726                     | 62,715                    | 2,135                     | 60,580       | 9,011         |
| 1965 | 58,000     | 3,245         | 61,245                     | 56,036                    | 1,812                     | 54,224       | 5,209         |
| 1966 | 57,000     | 1,923         | 58,923                     | 48,716                    | 1,729                     | 46,987       | 10,207        |
| 1967 | 45,000     | 607           | 45,607                     | 38,493                    | 1,345                     | 37,148       | 7,114         |
| 1968 | 48,000     | 904           | 48,904                     | 44,362                    | 1,428                     | 42,934       | 4,542         |
| 1969 | 69,000     | 105           | 69,105                     | 60,744                    | 1,986                     | 58,758       | 8,361         |
| 1970 | 69,000     | 627           | 69,627                     | 58,692                    | 1,905                     | 56,787       | 10,935        |
| 1971 | 78,000     | 107           | 78,107                     | 67,136                    | 2,164                     | 64,972       | 10,971        |
| 1972 | 62,000     | 177           | 62,177                     | 47,457                    | 1,765                     | 45,692       | 14,720        |
| 1973 | 61,000     | 5             | 61,005                     | 42,617                    | 1,566                     | 41,051       | 18,388        |
| 1974 | 73,000     | 1             | 73,001                     | 46,489                    | 2,058                     | 44,431       | 26,512        |
| 1975 | 68,000     | 85            | 68,085                     | 50,476                    | 2,062                     | 48,414       | 17,609        |
| 1976 | 67,000     | 0             | 67,000                     | 49,349                    | 1,983                     | 47,366       | 17,651        |
| 1977 | 55,000     | 2             | 55,002                     | 36,641                    | 1,632                     | 35,009       | 18,361        |
| 1978 | 76,000     | 42            | 76,042                     | 49,836                    | 2,071                     | 47,765       | 26,206        |
| 1979 | 72,000     | 43            | 72,043                     | 50,901                    | 2,172                     | 48,729       | 21,142        |
| 1980 | 94,000     | 444           | 94,444                     | 70,137                    | 2,793                     | 67,344       | 24,307        |
| 1981 | 58,000     | 7             | 58,007                     | 34,903                    | 1,677                     | 33,226       | 23,104        |
| 1982 | 67,000     | 1             | 67,001                     | 48,221                    | 2,054                     | 46,167       | 18,780        |
| 1983 | 53,000     | 0             | 53,000                     | 45,276                    | 1,342                     | 43,934       | 7,724         |
| 1984 | 41,000     | 5             | 41,005                     | 27,236                    | 736                       | 26,500       | 13,769        |
| 1985 | 48,000     | 1,349         | 49,349                     | 39,639                    | 1,068                     | 38,571       | 9,710         |
| 1986 | 64,000     | 1,764         | 65,764                     | 53,944                    | 1,593                     | 52,351       | 11,820        |
| 1987 | 47,000     | 12            | 47,012                     | 40,710                    | 970                       | 39,740       | 6,302         |
| 1988 | 69,000     | 3,759         | 72,759                     | 61,713                    | 1,542                     | 60,171       | 11,046        |
| 1989 | 51,000     | 3,228         | 54,228                     | 41,883                    | 1,075                     | 40,808       | 12,345        |
| 1990 | 33,900     | 12,094        | 45,994                     | 35,292                    | 383                       | 34,909       | 10,702        |
| 1991 | 29,200     | 15,257        | 44,457                     | 30,680                    | 1,332                     | 29,348       | 13,777        |
| 1992 | 21,300     | 15,442        | 36,742                     | 28,706                    | 1,101                     | 27,605       | 8,036         |
| 1993 | 64,300     | 14,618        | 78,918                     | 59,995                    | 1,389                     | 58,606       | 18,923        |
| 1994 | 59,600     | 7,870         | 67,470                     | 56,433                    | 1,141                     | 55,292       | 11,037        |
| 1995 | 27,400     | 2,503         | 29,903                     | 16,256                    | 482                       | 15,774       | 13,647        |
| 1996 | 42,600     | 4,357         | 46,957                     | 21,899                    | 767                       | 21,132       | 25,058        |
| 1997 | 32,204     | 8,197         | 40,401                     | 19,153                    | 681                       | 18,472       | 21,248        |
| 1998 | 48,800     | 11,791        | 60,591                     | 35,857                    | 1810                      | 34,047       | 24,734        |

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 31.2**  
**México: Balance interno de tabaco**  
(Toneladas)

| AÑO  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 66,922     | 68,687                 | -1,765          |
| 1962 | 67,387     | 66,446                 | 941             |
| 1963 | 67,581     | 58,339                 | 9,242           |
| 1964 | 67,767     | 62,715                 | 5,052           |
| 1965 | 58,000     | 56,036                 | 1,964           |
| 1966 | 57,000     | 48,716                 | 8,284           |
| 1967 | 45,000     | 38,493                 | 6,507           |
| 1968 | 48,000     | 44,362                 | 3,638           |
| 1969 | 69,000     | 60,744                 | 8,256           |
| 1970 | 69,000     | 58,692                 | 10,308          |
| 1971 | 78,000     | 67,136                 | 10,864          |
| 1972 | 62,000     | 47,457                 | 14,543          |
| 1973 | 61,000     | 42,617                 | 18,383          |
| 1974 | 73,000     | 46,489                 | 26,511          |
| 1975 | 68,000     | 50,476                 | 17,524          |
| 1976 | 67,000     | 49,349                 | 17,651          |
| 1977 | 55,000     | 36,641                 | 18,359          |
| 1978 | 76,000     | 49,836                 | 26,164          |
| 1979 | 72,000     | 50,901                 | 21,099          |
| 1980 | 94,000     | 70,137                 | 23,863          |
| 1981 | 58,000     | 34,903                 | 23,097          |
| 1982 | 67,000     | 48,221                 | 18,779          |
| 1983 | 53,000     | 45,276                 | 7,724           |
| 1984 | 41,000     | 27,236                 | 13,764          |
| 1985 | 48,000     | 39,639                 | 8,361           |
| 1986 | 64,000     | 53,944                 | 10,056          |
| 1987 | 47,000     | 40,710                 | 6,290           |
| 1988 | 69,000     | 61,713                 | 7,287           |
| 1989 | 51,000     | 41,883                 | 9,117           |
| 1990 | 33,900     | 35,292                 | -1,392          |
| 1991 | 29,200     | 30,680                 | -1,480          |
| 1992 | 21,300     | 28,706                 | -7,406          |
| 1993 | 64,300     | 59,995                 | 4,305           |
| 1994 | 59,600     | 56,433                 | 3,167           |
| 1995 | 27,400     | 16,256                 | 11,144          |
| 1996 | 42,600     | 21,899                 | 20,701          |
| 1997 | 32,204     | 19,153                 | 13,051          |
| 1998 | 48,800     | 35,857                 | 12,943          |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 31.3

### México: Rendimiento de tabaco

| AÑO  | Superficie cosechada<br>(hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas / Hectárea) |
|------|------------------------------------|---------------------------|---------------------------------------|
| 1961 | 52,462                             | 66,922                    | 1.2756                                |
| 1962 | 51,926                             | 67,387                    | 1.2978                                |
| 1963 | 51,593                             | 67,581                    | 1.3099                                |
| 1964 | 51,735                             | 67,767                    | 1.3099                                |
| 1965 | 40,000                             | 58,000                    | 1.4500                                |
| 1966 | 40,000                             | 57,000                    | 1.4250                                |
| 1967 | 32,000                             | 45,000                    | 1.4063                                |
| 1968 | 35,000                             | 48,000                    | 1.3714                                |
| 1969 | 41,000                             | 69,000                    | 1.6829                                |
| 1970 | 43,000                             | 69,000                    | 1.6047                                |
| 1971 | 50,000                             | 78,000                    | 1.5600                                |
| 1972 | 39,000                             | 62,000                    | 1.5897                                |
| 1973 | 39,000                             | 61,000                    | 1.5641                                |
| 1974 | 43,000                             | 73,000                    | 1.6977                                |
| 1975 | 40,000                             | 68,000                    | 1.7000                                |
| 1976 | 40,000                             | 67,000                    | 1.6750                                |
| 1977 | 40,000                             | 55,000                    | 1.3750                                |
| 1978 | 41,000                             | 76,000                    | 1.8537                                |
| 1979 | 46,000                             | 72,000                    | 1.5652                                |
| 1980 | 42,000                             | 94,000                    | 2.2381                                |
| 1981 | 36,000                             | 58,000                    | 1.6111                                |
| 1982 | 40,000                             | 67,000                    | 1.6750                                |
| 1983 | 37,000                             | 53,000                    | 1.4324                                |
| 1984 | 31,000                             | 41,000                    | 1.3226                                |
| 1985 | 39,000                             | 48,000                    | 1.2308                                |
| 1986 | 44,000                             | 64,000                    | 1.4545                                |
| 1987 | 48,000                             | 47,000                    | 0.9792                                |
| 1988 | 45,000                             | 69,000                    | 1.5333                                |
| 1989 | 30,000                             | 51,000                    | 1.7000                                |
| 1990 | 21,700                             | 33,900                    | 1.5622                                |
| 1991 | 16,900                             | 29,200                    | 1.7278                                |
| 1992 | 14,500                             | 21,300                    | 1.4690                                |
| 1993 | 36,000                             | 64,300                    | 1.7861                                |
| 1994 | 28,400                             | 59,600                    | 2.0986                                |
| 1995 | 16,600                             | 27,400                    | 1.6506                                |
| 1996 | 23,100                             | 42,600                    | 1.8442                                |
| 1997 | 21,569                             | 32,204                    | 1.4931                                |
| 1998 | 32,000                             | 48,800                    | 1.5250                                |

Fuente: Elaborado por el CEFPA de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 31.4

## México: Producción y consumo de tabaco por habitante (Kilogramos)

| Año  | Población Nacional | Producción / Población | Consumo aparente / Población | Balance interno / Población |
|------|--------------------|------------------------|------------------------------|-----------------------------|
| 1961 | 36,214,784         | 1.8479                 | 1.8967                       | -0.0487                     |
| 1962 | 37,486,139         | 1.7977                 | 1.7725                       | 0.0251                      |
| 1963 | 38,800,538         | 1.7418                 | 1.5036                       | 0.2382                      |
| 1964 | 40,147,986         | 1.6879                 | 1.5621                       | 0.1258                      |
| 1965 | 41,535,828         | 1.3964                 | 1.3491                       | 0.0473                      |
| 1966 | 42,955,469         | 1.3270                 | 1.1341                       | 0.1929                      |
| 1967 | 44,397,880         | 1.0136                 | 0.8670                       | 0.1466                      |
| 1968 | 45,859,633         | 1.0467                 | 0.9673                       | 0.0793                      |
| 1969 | 47,337,557         | 1.4576                 | 1.2832                       | 0.1744                      |
| 1970 | 48,852,306         | 1.4124                 | 1.2014                       | 0.2110                      |
| 1971 | 50,393,091         | 1.5478                 | 1.3322                       | 0.2156                      |
| 1972 | 51,948,772         | 1.1935                 | 0.9135                       | 0.2799                      |
| 1973 | 53,517,788         | 1.1398                 | 0.7963                       | 0.3435                      |
| 1974 | 55,104,832         | 1.3247                 | 0.8436                       | 0.4811                      |
| 1975 | 56,687,703         | 1.1996                 | 0.8904                       | 0.3091                      |
| 1976 | 58,291,820         | 1.1494                 | 0.8466                       | 0.3028                      |
| 1977 | 59,900,617         | 0.9182                 | 0.6117                       | 0.3065                      |
| 1978 | 61,527,486         | 1.2352                 | 0.8100                       | 0.4252                      |
| 1979 | 63,161,213         | 1.1399                 | 0.8059                       | 0.3340                      |
| 1980 | 64,788,572         | 1.4509                 | 1.0826                       | 0.3683                      |
| 1981 | 66,425,164         | 0.8732                 | 0.5254                       | 0.3477                      |
| 1982 | 68,081,155         | 0.9841                 | 0.7083                       | 0.2758                      |
| 1983 | 69,744,148         | 0.7599                 | 0.6492                       | 0.1107                      |
| 1984 | 71,421,164         | 0.5741                 | 0.3813                       | 0.1927                      |
| 1985 | 73,112,440         | 0.6565                 | 0.5422                       | 0.1144                      |
| 1986 | 74,817,783         | 0.8554                 | 0.7210                       | 0.1344                      |
| 1987 | 76,536,428         | 0.6141                 | 0.5319                       | 0.0822                      |
| 1988 | 78,266,888         | 0.8816                 | 0.7885                       | 0.0931                      |
| 1989 | 80,019,134         | 0.6373                 | 0.5234                       | 0.1139                      |
| 1990 | 81,781,347         | 0.4145                 | 0.4315                       | -0.0170                     |
| 1991 | 83,554,530         | 0.3495                 | 0.3672                       | -0.0177                     |
| 1992 | 85,348,102         | 0.2496                 | 0.3363                       | -0.0868                     |
| 1993 | 87,117,464         | 0.7381                 | 0.6887                       | 0.0494                      |
| 1994 | 88,863,239         | 0.6707                 | 0.6351                       | 0.0356                      |
| 1995 | 90,578,718         | 0.3025                 | 0.1795                       | 0.1230                      |
| 1996 | 92,228,065         | 0.4619                 | 0.2374                       | 0.2245                      |
| 1997 | 93,813,963         | 0.3433                 | 0.2042                       | 0.1391                      |
| 1998 | 95,326,450         | 0.5119                 | 0.3761                       | 0.1358                      |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.



# SECTOR AGROPECUARIO

CUADRO 31.5

## México: Oferta y demanda total de tabaco

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                   |                           |              |               |
|------|------------|---------------|----------------------------|---------------------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo aparente<br>total | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )               | ( e )                     | ( f )        | ( g )         |
| 1961 | 95.5       | 4.5           | 100.0                      | 98.0                      | 3.0                       | 97.0         | 2.0           |
| 1962 | 95.0       | 5.0           | 100.0                      | 93.7                      | 3.2                       | 96.8         | 6.3           |
| 1963 | 95.4       | 4.6           | 100.0                      | 82.4                      | 3.6                       | 96.4         | 17.6          |
| 1964 | 94.5       | 5.5           | 100.0                      | 87.4                      | 3.4                       | 96.6         | 12.6          |
| 1965 | 94.7       | 5.3           | 100.0                      | 91.5                      | 3.2                       | 96.8         | 8.5           |
| 1966 | 96.7       | 3.3           | 100.0                      | 82.7                      | 3.5                       | 96.5         | 17.3          |
| 1967 | 98.7       | 1.3           | 100.0                      | 84.4                      | 3.5                       | 96.5         | 15.6          |
| 1968 | 98.2       | 1.8           | 100.0                      | 90.7                      | 3.2                       | 96.8         | 9.3           |
| 1969 | 99.8       | 0.2           | 100.0                      | 87.9                      | 3.3                       | 96.7         | 12.1          |
| 1970 | 99.1       | 0.9           | 100.0                      | 84.3                      | 3.2                       | 96.8         | 15.7          |
| 1971 | 99.9       | 0.1           | 100.0                      | 86.0                      | 3.2                       | 96.8         | 14.0          |
| 1972 | 99.7       | 0.3           | 100.0                      | 76.3                      | 3.7                       | 96.3         | 23.7          |
| 1973 | 100.0      | 0.0           | 100.0                      | 69.9                      | 3.7                       | 96.3         | 30.1          |
| 1974 | 100.0      | 0.0           | 100.0                      | 63.7                      | 4.4                       | 95.6         | 36.3          |
| 1975 | 99.9       | 0.1           | 100.0                      | 74.1                      | 4.1                       | 95.9         | 25.9          |
| 1976 | 100.0      | 0.0           | 100.0                      | 73.7                      | 4.0                       | 96.0         | 26.3          |
| 1977 | 100.0      | 0.0           | 100.0                      | 66.6                      | 4.5                       | 95.5         | 33.4          |
| 1978 | 99.9       | 0.1           | 100.0                      | 65.5                      | 4.2                       | 95.8         | 34.5          |
| 1979 | 99.9       | 0.1           | 100.0                      | 70.7                      | 4.3                       | 95.7         | 29.3          |
| 1980 | 99.5       | 0.5           | 100.0                      | 74.3                      | 4.0                       | 96.0         | 25.7          |
| 1981 | 100.0      | 0.0           | 100.0                      | 60.2                      | 4.8                       | 95.2         | 39.8          |
| 1982 | 100.0      | 0.0           | 100.0                      | 72.0                      | 4.3                       | 95.7         | 28.0          |
| 1983 | 100.0      | 0.0           | 100.0                      | 85.4                      | 3.0                       | 97.0         | 14.6          |
| 1984 | 100.0      | 0.0           | 100.0                      | 66.4                      | 2.7                       | 97.3         | 33.6          |
| 1985 | 97.3       | 2.7           | 100.0                      | 80.3                      | 2.7                       | 97.3         | 19.7          |
| 1986 | 97.3       | 2.7           | 100.0                      | 82.0                      | 3.0                       | 97.0         | 18.0          |
| 1987 | 100.0      | 0.0           | 100.0                      | 86.6                      | 2.4                       | 97.6         | 13.4          |
| 1988 | 94.8       | 5.2           | 100.0                      | 84.8                      | 2.5                       | 97.5         | 15.2          |
| 1989 | 94.0       | 6.0           | 100.0                      | 77.2                      | 2.6                       | 97.4         | 22.8          |
| 1990 | 73.7       | 26.3          | 100.0                      | 76.7                      | 1.1                       | 98.9         | 23.3          |
| 1991 | 65.7       | 34.3          | 100.0                      | 69.0                      | 4.3                       | 95.7         | 31.0          |
| 1992 | 58.0       | 42.0          | 100.0                      | 78.1                      | 3.8                       | 96.2         | 21.9          |
| 1993 | 81.5       | 18.5          | 100.0                      | 76.0                      | 2.3                       | 97.7         | 24.0          |
| 1994 | 88.3       | 11.7          | 100.0                      | 83.6                      | 2.0                       | 98.0         | 16.4          |
| 1995 | 91.6       | 8.4           | 100.0                      | 54.4                      | 3.0                       | 97.0         | 45.6          |
| 1996 | 90.7       | 9.3           | 100.0                      | 46.6                      | 3.5                       | 96.5         | 53.4          |
| 1997 | 79.7       | 20.3          | 100.0                      | 47.4                      | 3.6                       | 96.4         | 52.6          |
| 1998 | 80.5       | 19.5          | 100.0                      | 59.2                      | 5.0                       | 95.0         | 40.8          |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 32.1

## México: Oferta y demanda total de tomates

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                   |                           |              |               |
|------|------------|---------------|----------------------------|---------------------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo<br>aparente total | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )               | ( e )                     | ( f )        | ( g )         |
| 1961 | 470,527    | 1,325         | 471,852                    | 376,138                   | 19,818                    | 356,320      | 95,714        |
| 1962 | 451,502    | 22            | 451,524                    | 315,259                   | 18,964                    | 296,295      | 136,265       |
| 1963 | 461,191    | 23            | 461,214                    | 319,871                   | 19,371                    | 300,500      | 141,343       |
| 1964 | 463,992    | 37            | 464,029                    | 311,153                   | 19,489                    | 291,664      | 152,876       |
| 1965 | 554,000    | 28            | 554,028                    | 392,540                   | 24,106                    | 368,434      | 161,488       |
| 1966 | 555,000    | 1             | 555,001                    | 329,328                   | 24,186                    | 305,142      | 225,673       |
| 1967 | 619,000    | 0             | 619,000                    | 391,315                   | 27,129                    | 364,186      | 227,685       |
| 1968 | 670,000    | 1             | 670,001                    | 429,516                   | 29,420                    | 400,096      | 240,485       |
| 1969 | 715,000    | 464           | 715,464                    | 427,580                   | 31,415                    | 396,165      | 287,884       |
| 1970 | 923,000    | 0             | 923,000                    | 548,736                   | 40,017                    | 508,719      | 374,264       |
| 1971 | 939,000    | 0             | 939,000                    | 616,280                   | 42,170                    | 574,110      | 322,720       |
| 1972 | 1,204,000  | 1,521         | 1,205,521                  | 867,677                   | 53,588                    | 814,089      | 337,844       |
| 1973 | 1,091,000  | 328           | 1,091,328                  | 650,185                   | 49,201                    | 600,984      | 441,143       |
| 1974 | 1,121,000  | 774           | 1,121,774                  | 803,661                   | 50,039                    | 753,622      | 318,113       |
| 1975 | 1,056,000  | 234           | 1,056,234                  | 716,860                   | 47,354                    | 669,506      | 339,374       |
| 1976 | 807,000    | 195           | 807,195                    | 438,320                   | 36,430                    | 401,890      | 368,875       |
| 1977 | 974,000    | 6,282         | 980,282                    | 521,560                   | 45,187                    | 476,373      | 458,722       |
| 1978 | 1,394,000  | 304           | 1,394,304                  | 896,887                   | 64,735                    | 832,152      | 497,417       |
| 1979 | 1,565,000  | 396           | 1,565,396                  | 1,143,098                 | 72,860                    | 1,070,238    | 422,298       |
| 1980 | 1,321,000  | 233           | 1,321,233                  | 934,354                   | 62,188                    | 872,166      | 386,879       |
| 1981 | 1,310,000  | 329           | 1,310,329                  | 829,587                   | 50,500                    | 779,087      | 480,742       |
| 1982 | 1,457,000  | 202           | 1,457,202                  | 859,047                   | 62,229                    | 796,818      | 598,155       |
| 1983 | 1,482,000  | 178           | 1,482,178                  | 1,110,940                 | 61,827                    | 1,049,113    | 371,238       |
| 1984 | 1,688,000  | 903           | 1,688,903                  | 1,198,629                 | 70,908                    | 1,127,721    | 490,274       |
| 1985 | 1,616,000  | 1,022         | 1,617,022                  | 1,105,299                 | 67,931                    | 1,037,368    | 511,723       |
| 1986 | 1,454,000  | 497           | 1,454,497                  | 882,112                   | 61,073                    | 821,039      | 572,385       |
| 1987 | 1,672,000  | 575           | 1,672,575                  | 1,113,740                 | 70,239                    | 1,043,501    | 558,835       |
| 1988 | 1,980,000  | 2,368         | 1,982,368                  | 1,449,333                 | 83,239                    | 1,366,094    | 533,035       |
| 1989 | 1,919,000  | 4,680         | 1,923,680                  | 1,456,482                 | 80,704                    | 1,375,778    | 467,198       |
| 1990 | 1,885,300  | 13,739        | 1,899,039                  | 1,414,582                 | 78,259                    | 1,336,323    | 484,457       |
| 1991 | 1,860,400  | 20,689        | 1,881,089                  | 1,389,536                 | 78,861                    | 1,310,675    | 491,553       |
| 1992 | 1,413,300  | 42,970        | 1,456,270                  | 1,248,765                 | 60,211                    | 1,188,554    | 207,505       |
| 1993 | 1,692,700  | 37,165        | 1,729,865                  | 1,164,070                 | 72,017                    | 1,092,053    | 565,795       |
| 1994 | 1,368,300  | 45,053        | 1,413,353                  | 880,048                   | 58,712                    | 821,336      | 533,305       |
| 1995 | 1,935,500  | 10,735        | 1,946,235                  | 1,158,496                 | 81,480                    | 1,077,016    | 787,739       |
| 1996 | 1,993,700  | 14,014        | 2,007,714                  | 1,223,521                 | 83,922                    | 1,139,599    | 784,193       |
| 1997 | 1,919,284  | 52,387        | 1,971,671                  | 1,248,575                 | 81,697                    | 1,166,878    | 723,096       |
| 1998 | 2,251,000  | 27,357        | 2,278,357                  | 1,333,631                 | 96,151                    | 1,237,480    | 944,726       |

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 32.2

### México: Balance interno de tomates

(Toneladas)

| AÑO  | Producción | Consumo aparente total | Balance interno |
|------|------------|------------------------|-----------------|
| 1961 | 470,527    | 376,138                | 94,389.0        |
| 1962 | 451,502    | 315,259                | 136,243.0       |
| 1963 | 461,191    | 319,871                | 141,320.0       |
| 1964 | 463,992    | 311,153                | 152,839.0       |
| 1965 | 554,000    | 392,540                | 161,460.0       |
| 1966 | 555,000    | 329,328                | 225,672.0       |
| 1967 | 619,000    | 391,315                | 227,685.0       |
| 1968 | 670,000    | 429,516                | 240,484.0       |
| 1969 | 715,000    | 427,580                | 287,420.0       |
| 1970 | 923,000    | 548,736                | 374,264.0       |
| 1971 | 939,000    | 616,280                | 322,720.0       |
| 1972 | 1,204,000  | 867,677                | 336,323.0       |
| 1973 | 1,091,000  | 650,185                | 440,815.0       |
| 1974 | 1,121,000  | 803,661                | 317,339.0       |
| 1975 | 1,056,000  | 716,860                | 339,140.0       |
| 1976 | 807,000    | 438,320                | 368,680.0       |
| 1977 | 974,000    | 521,560                | 452,440.0       |
| 1978 | 1,394,000  | 896,887                | 497,113.0       |
| 1979 | 1,565,000  | 1,143,098              | 421,902.0       |
| 1980 | 1,321,000  | 934,354                | 386,646.0       |
| 1981 | 1,310,000  | 829,587                | 480,413.0       |
| 1982 | 1,457,000  | 859,047                | 597,953.0       |
| 1983 | 1,482,000  | 1,110,940              | 371,060.0       |
| 1984 | 1,688,000  | 1,198,629              | 489,371.0       |
| 1985 | 1,616,000  | 1,105,299              | 510,701.0       |
| 1986 | 1,454,000  | 882,112                | 571,888.0       |
| 1987 | 1,672,000  | 1,113,740              | 558,260.0       |
| 1988 | 1,980,000  | 1,449,333              | 530,667.0       |
| 1989 | 1,919,000  | 1,456,482              | 462,518.0       |
| 1990 | 1,885,300  | 1,414,582              | 470,718.0       |
| 1991 | 1,860,400  | 1,389,536              | 470,864.0       |
| 1992 | 1,413,300  | 1,248,765              | 164,535.0       |
| 1993 | 1,692,700  | 1,164,070              | 528,630.0       |
| 1994 | 1,368,300  | 880,048                | 488,252.0       |
| 1995 | 1,935,500  | 1,158,496              | 777,004.0       |
| 1996 | 1,993,700  | 1,223,521              | 770,179.0       |
| 1997 | 1,919,284  | 1,248,575              | 670,709.0       |
| 1998 | 2,251,000  | 1,333,631              | 917,369.0       |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 32.3

### México: Rendimiento de tomates

| AÑO  | Superficie cosechada<br>(hectárea) | Producción<br>(Toneladas) | Rendimiento<br>(Toneladas / Hectárea) |
|------|------------------------------------|---------------------------|---------------------------------------|
| 1961 | 68,921                             | 470,527                   | 6.8270                                |
| 1962 | 67,679                             | 451,502                   | 6.6712                                |
| 1963 | 67,871                             | 461,191                   | 6.7951                                |
| 1964 | 68,573                             | 463,992                   | 6.7664                                |
| 1965 | 45,000                             | 554,000                   | 12.3111                               |
| 1966 | 45,000                             | 555,000                   | 12.3333                               |
| 1967 | 46,000                             | 619,000                   | 13.4565                               |
| 1968 | 52,000                             | 670,000                   | 12.8846                               |
| 1969 | 55,000                             | 715,000                   | 13.0000                               |
| 1970 | 64,000                             | 923,000                   | 14.4219                               |
| 1971 | 61,000                             | 939,000                   | 15.3934                               |
| 1972 | 72,000                             | 1,204,000                 | 16.7222                               |
| 1973 | 69,000                             | 1,091,000                 | 15.8116                               |
| 1974 | 63,000                             | 1,121,000                 | 17.7937                               |
| 1975 | 59,000                             | 1,056,000                 | 17.8983                               |
| 1976 | 48,000                             | 807,000                   | 16.8125                               |
| 1977 | 62,000                             | 974,000                   | 15.7097                               |
| 1978 | 65,000                             | 1,394,000                 | 21.4462                               |
| 1979 | 77,000                             | 1,565,000                 | 20.3247                               |
| 1980 | 69,000                             | 1,321,000                 | 19.1449                               |
| 1981 | 61,000                             | 1,310,000                 | 21.4754                               |
| 1982 | 63,000                             | 1,457,000                 | 23.1270                               |
| 1983 | 64,000                             | 1,482,000                 | 23.1563                               |
| 1984 | 72,000                             | 1,688,000                 | 23.4444                               |
| 1985 | 69,000                             | 1,616,000                 | 23.4203                               |
| 1986 | 55,000                             | 1,454,000                 | 26.4364                               |
| 1987 | 68,000                             | 1,672,000                 | 24.5882                               |
| 1988 | 72,000                             | 1,980,000                 | 27.5000                               |
| 1989 | 77,000                             | 1,919,000                 | 24.9221                               |
| 1990 | 81,500                             | 1,885,300                 | 23.1325                               |
| 1991 | 78,700                             | 1,860,400                 | 23.6391                               |
| 1992 | 77,500                             | 1,413,300                 | 18.2361                               |
| 1993 | 75,200                             | 1,692,700                 | 22.5093                               |
| 1994 | 65,200                             | 1,368,300                 | 20.9862                               |
| 1995 | 75,500                             | 1,935,500                 | 25.6358                               |
| 1996 | 70,500                             | 1,993,700                 | 28.2794                               |
| 1997 | 71,677                             | 1,919,284                 | 26.7768                               |
| 1998 | 78,700                             | 2,251,000                 | 28.6023                               |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 32.4

## México: Producción y consumo de tomates por habitante

(Kilogramos)

| AÑO  | Población Nacional | Producción / Población | Consumo aparente / Población | Balance interno / Población |
|------|--------------------|------------------------|------------------------------|-----------------------------|
| 1961 | 36,214,784         | 12.9927                | 10.3863                      | 2.6064                      |
| 1962 | 37,486,139         | 12.0445                | 8.4100                       | 3.6345                      |
| 1963 | 38,800,538         | 11.8862                | 8.2440                       | 3.6422                      |
| 1964 | 40,147,986         | 11.5570                | 7.7502                       | 3.8069                      |
| 1965 | 41,535,828         | 13.3379                | 9.4506                       | 3.8872                      |
| 1966 | 42,955,469         | 12.9204                | 7.6667                       | 5.2536                      |
| 1967 | 44,397,880         | 13.9421                | 8.8138                       | 5.1283                      |
| 1968 | 45,859,633         | 14.6098                | 9.3659                       | 5.2439                      |
| 1969 | 47,337,557         | 15.1043                | 9.0326                       | 6.0717                      |
| 1970 | 48,852,306         | 18.8937                | 11.2326                      | 7.6611                      |
| 1971 | 50,393,091         | 18.6335                | 12.2295                      | 6.4041                      |
| 1972 | 51,948,772         | 23.1767                | 16.7026                      | 6.4741                      |
| 1973 | 53,517,788         | 20.3857                | 12.1490                      | 8.2368                      |
| 1974 | 55,104,832         | 20.3430                | 14.5842                      | 5.7588                      |
| 1975 | 56,687,703         | 18.6284                | 12.6458                      | 5.9826                      |
| 1976 | 58,291,820         | 13.8441                | 7.5194                       | 6.3247                      |
| 1977 | 59,900,617         | 16.2603                | 8.7071                       | 7.5532                      |
| 1978 | 61,527,486         | 22.6565                | 14.5770                      | 8.0795                      |
| 1979 | 63,161,213         | 24.7779                | 18.0981                      | 6.6798                      |
| 1980 | 64,788,572         | 20.3894                | 14.4216                      | 5.9678                      |
| 1981 | 66,425,164         | 19.7214                | 12.4890                      | 7.2324                      |
| 1982 | 68,081,155         | 21.4009                | 12.6180                      | 8.7829                      |
| 1983 | 69,744,148         | 21.2491                | 15.9288                      | 5.3203                      |
| 1984 | 71,421,164         | 23.6345                | 16.7825                      | 6.8519                      |
| 1985 | 73,112,440         | 22.1029                | 15.1178                      | 6.9851                      |
| 1986 | 74,817,783         | 19.4339                | 11.7901                      | 7.6437                      |
| 1987 | 76,536,428         | 21.8458                | 14.5518                      | 7.2940                      |
| 1988 | 78,266,888         | 25.2981                | 18.5178                      | 6.7802                      |
| 1989 | 80,019,134         | 23.9818                | 18.2017                      | 5.7801                      |
| 1990 | 81,781,347         | 23.0529                | 17.2971                      | 5.7558                      |
| 1991 | 83,554,530         | 22.2657                | 16.6303                      | 5.6354                      |
| 1992 | 85,348,102         | 16.5592                | 14.6314                      | 1.9278                      |
| 1993 | 87,117,464         | 19.4301                | 13.3621                      | 6.0680                      |
| 1994 | 88,863,239         | 15.3978                | 9.9034                       | 5.4944                      |
| 1995 | 90,578,718         | 21.3682                | 12.7899                      | 8.5782                      |
| 1996 | 92,228,065         | 21.6171                | 13.2663                      | 8.3508                      |
| 1997 | 93,813,963         | 20.4584                | 13.3091                      | 7.1494                      |
| 1998 | 95,326,450         | 23.6136                | 13.9901                      | 9.6234                      |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 32.5

## México: Oferta y demanda total de tomates

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA           | DEMANDA                |                           |              |               |
|------|------------|---------------|----------------------------|------------------------|---------------------------|--------------|---------------|
|      | Producción | Importaciones | ( c = a+b )<br>( c = d+g ) | Consumo aparente total | Desperdicios <sup>1</sup> | Alimentación | Exportaciones |
|      | ( a )      | ( b )         |                            | ( d = e+f )            | ( e )                     | ( f )        | ( g )         |
| 1961 | 99.7       | 0.3           | 100.0                      | 79.7                   | 5.3                       | 94.7         | 20.3          |
| 1962 | 100.0      | 0.0           | 100.0                      | 69.8                   | 6.0                       | 94.0         | 30.2          |
| 1963 | 100.0      | 0.0           | 100.0                      | 69.4                   | 6.1                       | 93.9         | 30.6          |
| 1964 | 100.0      | 0.0           | 100.0                      | 67.1                   | 6.3                       | 93.7         | 32.9          |
| 1965 | 100.0      | 0.0           | 100.0                      | 70.9                   | 6.1                       | 93.9         | 29.1          |
| 1966 | 100.0      | 0.0           | 100.0                      | 59.3                   | 7.3                       | 92.7         | 40.7          |
| 1967 | 100.0      | 0.0           | 100.0                      | 63.2                   | 6.9                       | 93.1         | 36.8          |
| 1968 | 100.0      | 0.0           | 100.0                      | 64.1                   | 6.8                       | 93.2         | 35.9          |
| 1969 | 99.9       | 0.1           | 100.0                      | 59.8                   | 7.3                       | 92.7         | 40.2          |
| 1970 | 100.0      | 0.0           | 100.0                      | 59.5                   | 7.3                       | 92.7         | 40.5          |
| 1971 | 100.0      | 0.0           | 100.0                      | 65.6                   | 6.8                       | 93.2         | 34.4          |
| 1972 | 99.9       | 0.1           | 100.0                      | 72.0                   | 6.2                       | 93.8         | 28.0          |
| 1973 | 100.0      | 0.0           | 100.0                      | 59.6                   | 7.6                       | 92.4         | 40.4          |
| 1974 | 99.9       | 0.1           | 100.0                      | 71.6                   | 6.2                       | 93.8         | 28.4          |
| 1975 | 100.0      | 0.0           | 100.0                      | 67.9                   | 6.6                       | 93.4         | 32.1          |
| 1976 | 100.0      | 0.0           | 100.0                      | 54.3                   | 8.3                       | 91.7         | 45.7          |
| 1977 | 99.4       | 0.6           | 100.0                      | 53.2                   | 8.7                       | 91.3         | 46.8          |
| 1978 | 100.0      | 0.0           | 100.0                      | 64.3                   | 7.2                       | 92.8         | 35.7          |
| 1979 | 100.0      | 0.0           | 100.0                      | 73.0                   | 6.4                       | 93.6         | 27.0          |
| 1980 | 100.0      | 0.0           | 100.0                      | 70.7                   | 6.7                       | 93.3         | 29.3          |
| 1981 | 100.0      | 0.0           | 100.0                      | 63.3                   | 6.1                       | 93.9         | 36.7          |
| 1982 | 100.0      | 0.0           | 100.0                      | 59.0                   | 7.2                       | 92.8         | 41.0          |
| 1983 | 100.0      | 0.0           | 100.0                      | 75.0                   | 5.6                       | 94.4         | 25.0          |
| 1984 | 99.9       | 0.1           | 100.0                      | 71.0                   | 5.9                       | 94.1         | 29.0          |
| 1985 | 99.9       | 0.1           | 100.0                      | 68.4                   | 6.1                       | 93.9         | 31.6          |
| 1986 | 100.0      | 0.0           | 100.0                      | 60.6                   | 6.9                       | 93.1         | 39.4          |
| 1987 | 100.0      | 0.0           | 100.0                      | 66.6                   | 6.3                       | 93.7         | 33.4          |
| 1988 | 99.9       | 0.1           | 100.0                      | 73.1                   | 5.7                       | 94.3         | 26.9          |
| 1989 | 99.8       | 0.2           | 100.0                      | 75.7                   | 5.5                       | 94.5         | 24.3          |
| 1990 | 99.3       | 0.7           | 100.0                      | 74.5                   | 5.5                       | 94.5         | 25.5          |
| 1991 | 98.9       | 1.1           | 100.0                      | 73.9                   | 5.7                       | 94.3         | 26.1          |
| 1992 | 97.0       | 3.0           | 100.0                      | 85.8                   | 4.8                       | 95.2         | 14.2          |
| 1993 | 97.9       | 2.1           | 100.0                      | 67.3                   | 6.2                       | 93.8         | 32.7          |
| 1994 | 96.8       | 3.2           | 100.0                      | 62.3                   | 6.7                       | 93.3         | 37.7          |
| 1995 | 99.4       | 0.6           | 100.0                      | 59.5                   | 7.0                       | 93.0         | 40.5          |
| 1996 | 99.3       | 0.7           | 100.0                      | 60.9                   | 6.9                       | 93.1         | 39.1          |
| 1997 | 97.3       | 2.7           | 100.0                      | 63.3                   | 6.5                       | 93.5         | 36.7          |
| 1998 | 98.8       | 1.2           | 100.0                      | 58.5                   | 7.2                       | 92.8         | 41.5          |

Nota: Las sumas pueden no coincidir debido a los ajustes en las cifras.

<sup>1</sup> El cambio en las existencias y los desperdicios representa estimaciones formuladas por expertos de México y personal de la FAO.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SARH, Consumos aparentes de productos agrícolas, SARH, 1983, México y FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## INDICES DE PRODUCCIÓN

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# SECTOR AGROPECUARIO

CUADRO 33.1  
Mundo: Índices de producción en la agricultura  
(Base 89-91)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia  |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|-------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón | República de Corea | Argentina | Brasil |
| 1961 | 61.7                  | 61.4                         | 46.7   | 40.9   | 67.8  | 34.4               | 61.6      | 34.8   |
| 1962 | 64.7                  | 62.1                         | 55.6   | 43.7   | 71.4  | 32.6               | 65.4      | 36.0   |
| 1963 | 65.6                  | 65.2                         | 60.2   | 45.2   | 72.9  | 35.6               | 71.6      | 35.6   |
| 1964 | 65.8                  | 66.1                         | 57.5   | 49.1   | 75.5  | 41.4               | 66.5      | 35.9   |
| 1965 | 66.7                  | 67.1                         | 63.1   | 52.3   | 77.4  | 42.6               | 63.1      | 42.2   |
| 1966 | 67.6                  | 67.2                         | 68.3   | 55.4   | 78.1  | 46.5               | 69.1      | 39.2   |
| 1967 | 71.7                  | 70.6                         | 60.3   | 56.1   | 83.6  | 44.0               | 75.0      | 42.3   |
| 1968 | 72.8                  | 71.4                         | 65.4   | 57.6   | 87.6  | 44.8               | 70.7      | 43.1   |
| 1969 | 72.1                  | 71.5                         | 64.3   | 56.2   | 86.8  | 51.2               | 76.2      | 45.0   |
| 1970 | 75.2                  | 70.7                         | 61.1   | 57.8   | 87.4  | 50.8               | 75.2      | 46.1   |
| 1971 | 75.8                  | 76.5                         | 68.8   | 60.8   | 86.4  | 52.6               | 69.4      | 48.9   |
| 1972 | 75.6                  | 76.2                         | 66.5   | 63.8   | 90.9  | 54.3               | 69.2      | 51.3   |
| 1973 | 79.6                  | 77.6                         | 66.8   | 65.6   | 89.8  | 55.8               | 71.6      | 50.9   |
| 1974 | 82.5                  | 78.8                         | 62.4   | 67.5   | 90.7  | 59.4               | 75.6      | 54.9   |
| 1975 | 81.4                  | 83.5                         | 69.6   | 68.4   | 93.1  | 66.7               | 78.6      | 56.4   |
| 1976 | 80.5                  | 86.5                         | 76.9   | 69.7   | 90.2  | 73.3               | 85.7      | 58.6   |
| 1977 | 81.8                  | 90.2                         | 77.9   | 77.3   | 96.4  | 78.2               | 86.6      | 62.7   |
| 1978 | 86.6                  | 88.8                         | 81.2   | 83.3   | 96.7  | 82.8               | 94.0      | 61.4   |
| 1979 | 90.0                  | 93.9                         | 74.9   | 80.4   | 98.8  | 86.0               | 94.1      | 65.1   |
| 1980 | 92.4                  | 90.4                         | 79.5   | 85.8   | 94.3  | 74.2               | 86.9      | 72.7   |
| 1981 | 90.6                  | 99.6                         | 85.9   | 90.4   | 95.2  | 79.0               | 93.3      | 76.0   |
| 1982 | 95.0                  | 98.2                         | 92.6   | 88.8   | 98.6  | 82.7               | 95.7      | 76.2   |
| 1983 | 94.0                  | 83.2                         | 87.2   | 93.2   | 99.0  | 83.6               | 92.6      | 77.8   |
| 1984 | 98.8                  | 96.2                         | 87.8   | 92.9   | 100.4 | 86.6               | 96.1      | 81.6   |
| 1985 | 97.5                  | 101.6                        | 91.6   | 96.4   | 102.7 | 90.4               | 98.2      | 89.8   |
| 1986 | 98.4                  | 95.4                         | 99.2   | 97.9   | 103.0 | 93.7               | 101.0     | 85.3   |
| 1987 | 99.6                  | 95.1                         | 95.0   | 102.1  | 102.9 | 93.6               | 93.8      | 94.1   |
| 1988 | 98.1                  | 90.0                         | 83.6   | 99.8   | 101.1 | 98.8               | 97.9      | 97.7   |
| 1989 | 99.3                  | 98.1                         | 93.0   | 93.7   | 101.7 | 100.2              | 90.4      | 101.7  |
| 1990 | 100.0                 | 101.2                        | 103.6  | 101.4  | 100.8 | 101.8              | 103.9     | 97.2   |
| 1991 | 100.7                 | 100.6                        | 103.4  | 105.0  | 97.4  | 98.0               | 105.7     | 101.0  |
| 1992 | 101.8                 | 109.6                        | 101.9  | 104.2  | 100.9 | 110.7              | 105.3     | 106.6  |
| 1993 | 98.6                  | 100.2                        | 103.2  | 107.2  | 94.3  | 110.9              | 102.3     | 107.3  |
| 1994 | 97.6                  | 116.1                        | 108.4  | 112.3  | 99.8  | 111.9              | 109.5     | 114.3  |
| 1995 | 97.5                  | 110.2                        | 111.1  | 120.3  | 97.7  | 112.5              | 115.5     | 120.3  |
| 1996 | 101.9                 | 114.6                        | 117.4  | 117.0  | 95.3  | 119.2              | 119.3     | 125.3  |
| 1997 | 102.0                 | 118.8                        | 116.6  | 121.7  | 94.7  | 124.7              | 121.7     | 128.2  |
| 1998 | 102.0                 | 119.5                        | 123.5  | 123.2  | 91.6  | 124.0              | 132.8     | 129.2  |
| 1999 | 104.0                 | 121.1                        | 131.8  | 126.5  | 92.0  | 105.3              | 134.4     | 136.6  |
| 2000 | 104.0                 | 125.6                        | 130.9  | 130.7  | 92.3  | 105.3              | 134.1     | 137.5  |

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.



# SECTOR AGROPECUARIO

CUADRO 34.1

## Mundo: Índices de producción en los cereales

(Base 89-91)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia  |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|-------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón | República de Corea | Argentina | Brasil |
| 1961 | 44.7                  | 54.6                         | 28.5   | 35.5   | 139.4 | 72.0               | 68.6      | 41.1   |
| 1962 | 52.2                  | 54.0                         | 52.6   | 35.7   | 142.9 | 63.5               | 66.9      | 43.3   |
| 1963 | 50.4                  | 58.3                         | 62.7   | 39.6   | 135.9 | 72.0               | 83.9      | 45.0   |
| 1964 | 53.8                  | 54.0                         | 52.1   | 49.0   | 133.8 | 80.8               | 102.6     | 45.3   |
| 1965 | 55.4                  | 61.6                         | 58.8   | 52.4   | 132.5 | 77.2               | 66.5      | 56.2   |
| 1966 | 53.0                  | 61.9                         | 72.0   | 54.2   | 133.5 | 86.2               | 82.3      | 47.9   |
| 1967 | 62.1                  | 70.2                         | 54.8   | 55.0   | 149.4 | 79.6               | 93.6      | 54.9   |
| 1968 | 63.2                  | 68.5                         | 63.0   | 58.5   | 149.2 | 74.8               | 76.5      | 55.0   |
| 1969 | 62.6                  | 69.2                         | 66.8   | 58.4   | 142.4 | 90.0               | 88.5      | 54.9   |
| 1970 | 60.4                  | 62.8                         | 49.8   | 63.6   | 127.1 | 86.3               | 96.0      | 63.9   |
| 1971 | 70.2                  | 80.1                         | 69.6   | 62.1   | 109.3 | 86.2               | 104.8     | 60.7   |
| 1972 | 70.5                  | 76.9                         | 63.7   | 62.1   | 117.3 | 85.9               | 90.5      | 60.4   |
| 1973 | 71.8                  | 80.3                         | 66.5   | 62.1   | 118.7 | 88.2               | 114.6     | 63.6   |
| 1974 | 76.1                  | 69.6                         | 55.3   | 62.1   | 120.3 | 91.4               | 113.2     | 69.1   |
| 1975 | 69.4                  | 84.9                         | 67.4   | 62.1   | 128.5 | 98.6               | 112.0     | 69.4   |
| 1976 | 66.4                  | 88.0                         | 83.3   | 62.1   | 114.9 | 108.7              | 119.2     | 84.2   |
| 1977 | 71.5                  | 90.2                         | 77.7   | 62.1   | 127.7 | 112.4              | 106.7     | 82.5   |
| 1978 | 81.6                  | 93.7                         | 78.0   | 62.1   | 119.6 | 120.0              | 133.8     | 64.1   |
| 1979 | 78.5                  | 102.8                        | 66.0   | 62.1   | 115.0 | 113.9              | 122.0     | 71.9   |
| 1980 | 86.1                  | 92.4                         | 75.8   | 62.1   | 94.6  | 75.5               | 90.5      | 89.2   |
| 1981 | 80.7                  | 113.4                        | 94.4   | 62.1   | 99.3  | 98.3               | 146.1     | 84.1   |
| 1982 | 87.4                  | 114.0                        | 99.3   | 62.1   | 100.2 | 99.6               | 171.7     | 90.7   |
| 1983 | 83.8                  | 71.3                         | 89.4   | 62.1   | 100.8 | 104.2              | 158.3     | 77.2   |
| 1984 | 104.1                 | 107.5                        | 79.0   | 62.1   | 115.1 | 107.9              | 159.8     | 87.0   |
| 1985 | 96.7                  | 118.1                        | 89.4   | 62.1   | 113.8 | 103.9              | 137.2     | 95.1   |
| 1986 | 93.9                  | 107.2                        | 107.5  | 62.1   | 113.6 | 102.7              | 127.8     | 100.2  |
| 1987 | 93.3                  | 95.7                         | 96.4   | 62.1   | 104.2 | 100.1              | 113.1     | 116.7  |
| 1988 | 97.5                  | 70.9                         | 63.9   | 62.1   | 98.9  | 108.3              | 110.3     | 115.7  |
| 1989 | 98.8                  | 96.9                         | 89.5   | 62.1   | 102.5 | 105.9              | 90.8      | 117.4  |
| 1990 | 98.0                  | 107.5                        | 107.9  | 62.1   | 103.6 | 100.2              | 101.6     | 85.0   |
| 1991 | 103.2                 | 95.6                         | 102.7  | 62.1   | 93.9  | 93.8               | 107.6     | 97.6   |
| 1992 | 95.3                  | 120.8                        | 94.5   | 62.1   | 103.0 | 93.9               | 126.9     | 115.5  |
| 1993 | 94.5                  | 89.3                         | 97.3   | 62.1   | 76.9  | 84.1               | 124.6     | 113.0  |
| 1994 | 92.6                  | 121.9                        | 87.5   | 62.1   | 114.6 | 88.0               | 126.5     | 120.2  |
| 1995 | 94.5                  | 98.3                         | 92.2   | 62.1   | 102.6 | 82.2               | 121.1     | 130.0  |
| 1996 | 109.9                 | 114.8                        | 110.4  | 62.1   | 99.1  | 91.3               | 154.6     | 121.8  |
| 1997 | 109.2                 | 115.6                        | 92.4   | 62.1   | 96.5  | 92.7               | 180.4     | 115.9  |
| 1998 | 112.9                 | 120.2                        | 95.4   | 62.1   | 86.4  | 86.0               | 185.6     | 104.8  |
| 1999 | 107.7                 | 115.3                        | 101.0  | 62.1   | 88.8  | 92.7               | 170.8     | 126.3  |
| 2000 | 114.0                 | 122.1                        | 100.5  | 62.1   | 91.0  | 92.7               | 175.6     | 123.8  |

Fuente: Elaborado por el CEEF de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 35.1

## Mundo: Índices de producción en los 10 principales cultivos

(Base 89-91)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia  |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|-------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón | República de Corea | Argentina | Brasil |
| 1961 | 64.8                  | 56.9                         | 29.9   | 42.4   | 103.2 | 40.8               | 47.8      | 39.8   |
| 1962 | 71.1                  | 57.4                         | 46.5   | 44.6   | 106   | 38.8               | 49.2      | 42     |
| 1963 | 73                    | 60                           | 54.1   | 47.5   | 107.2 | 41.4               | 54.2      | 41.7   |
| 1964 | 72.8                  | 57.5                         | 47.2   | 54.5   | 107.7 | 49.5               | 58.2      | 40.5   |
| 1965 | 72.9                  | 62.9                         | 53.1   | 58.5   | 108.5 | 50.4               | 51.6      | 49.6   |
| 1966 | 72.3                  | 61.4                         | 63     | 61.6   | 111.5 | 55.2               | 55.1      | 44.9   |
| 1967 | 78.2                  | 65                           | 49.7   | 61.6   | 118.9 | 51.9               | 61.9      | 49.5   |
| 1968 | 78.1                  | 67.2                         | 56.3   | 63.9   | 123.6 | 52.8               | 53.4      | 49.2   |
| 1969 | 75.5                  | 68.4                         | 60.1   | 60.3   | 117.2 | 59.3               | 57        | 50.7   |
| 1970 | 79.2                  | 64.9                         | 53.2   | 63.6   | 112.4 | 58.6               | 62.4      | 51.6   |
| 1971 | 79.8                  | 74.6                         | 66.6   | 67.9   | 106.1 | 59.9               | 65.1      | 56.3   |
| 1972 | 78.7                  | 74.6                         | 58.8   | 68.2   | 114.1 | 61.8               | 58.5      | 58     |
| 1973 | 85.3                  | 79.5                         | 61.7   | 71.4   | 113.4 | 62.8               | 66.6      | 55.3   |
| 1974 | 85.7                  | 71.8                         | 53.7   | 72.9   | 111   | 65.4               | 73.7      | 61.9   |
| 1975 | 81.4                  | 81.9                         | 64.8   | 71.6   | 115.3 | 73.6               | 71.4      | 62.2   |
| 1976 | 77.9                  | 82                           | 70.9   | 66.6   | 109.8 | 82.3               | 75.9      | 62.6   |
| 1977 | 79.4                  | 89.5                         | 73.4   | 76.7   | 118.1 | 88.7               | 76        | 69     |
| 1978 | 86.4                  | 90.7                         | 79.3   | 83.5   | 113.7 | 95.2               | 84.2      | 64.7   |
| 1979 | 89.8                  | 100.8                        | 71.9   | 79.4   | 114.4 | 97.8               | 87.3      | 68.8   |
| 1980 | 91.6                  | 90.2                         | 75.1   | 86.8   | 104.4 | 78.6               | 76.1      | 76.7   |
| 1981 | 86.3                  | 104.8                        | 85.7   | 93.4   | 104.8 | 87                 | 87        | 80.5   |
| 1982 | 94.9                  | 105.3                        | 92     | 87     | 108.5 | 91                 | 100.8     | 80.6   |
| 1983 | 89.9                  | 75.7                         | 85.1   | 91.5   | 107   | 91.4               | 97.7      | 79.2   |
| 1984 | 99.5                  | 99.2                         | 82     | 93.7   | 108.9 | 90.7               | 103.5     | 85.6   |
| 1985 | 97.4                  | 106.4                        | 90.7   | 98.8   | 109.8 | 91.7               | 99.1      | 97.2   |
| 1986 | 97.4                  | 97.1                         | 103.9  | 95.4   | 110.3 | 95.2               | 98.8      | 88.5   |
| 1987 | 100.2                 | 96.4                         | 99     | 99.8   | 108.2 | 94.2               | 94.5      | 99.2   |
| 1988 | 98                    | 80.7                         | 74.7   | 96.4   | 102.3 | 99.8               | 105.2     | 100.8  |
| 1989 | 101                   | 96.3                         | 89.8   | 94     | 103   | 103.9              | 87.2      | 106    |
| 1990 | 99.4                  | 103.4                        | 105.3  | 103.8  | 101.7 | 98.9               | 103.8     | 96.5   |
| 1991 | 99.6                  | 100.3                        | 104.9  | 102.3  | 95.2  | 97.2               | 109       | 97.5   |
| 1992 | 102.8                 | 113.9                        | 98.4   | 100.3  | 100   | 102.8              | 111.4     | 104.8  |
| 1993 | 98.4                  | 96.1                         | 108.5  | 102.6  | 87.5  | 100.5              | 105.1     | 103.6  |
| 1994 | 96.7                  | 121.7                        | 112.7  | 106    | 99.3  | 99                 | 115.3     | 112.1  |
| 1995 | 95.9                  | 104.9                        | 114.3  | 110.6  | 95.7  | 106.4              | 125.2     | 114.8  |
| 1996 | 105.4                 | 115.3                        | 119.7  | 120.1  | 92.8  | 107.6              | 133.5     | 114.1  |
| 1997 | 106.7                 | 120.6                        | 114.8  | 119.3  | 94.2  | 107.8              | 138.1     | 116.1  |
| 1998 | 105.8                 | 120.4                        | 123.8  | 121.2  | 86.9  | 103.9              | 160.4     | 116.4  |
| 1999 | 108.9                 | 119.3                        | 134    | 119.2  | 88.6  | 107.7              | 159.9     | 123.8  |
| 2000 | 109.3                 | 126.1                        | 128.8  | 124.4  | 89.3  | 107.7              | 158.2     | 124.7  |

Fuente: Elaborado por el CEFPA de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 36.1

## Mundo: Índices de producción en el ganado

(Base 89-91)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia  |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|-------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón | República de Corea | Argentina | Brasil |
| 1961 | 61.4                  | 70.0                         | 69.0   | 34.1   | 29.4  | 10.3               | 77.0      | 29.7   |
| 1962 | 62.7                  | 70.2                         | 68.8   | 37.3   | 33.4  | 9.5                | 82.0      | 30.3   |
| 1963 | 63.2                  | 72.6                         | 69.4   | 37.1   | 34.9  | 12.2               | 88.3      | 30.7   |
| 1964 | 63.8                  | 76.5                         | 72.5   | 37.1   | 39.8  | 14.3               | 75.0      | 32.9   |
| 1965 | 65.6                  | 75.4                         | 77.4   | 39.1   | 42.1  | 14.8               | 75.3      | 34.8   |
| 1966 | 67.7                  | 76.8                         | 76.9   | 42.8   | 42.2  | 15.2               | 84.8      | 35.0   |
| 1967 | 70.4                  | 79.0                         | 77.2   | 44.3   | 45.3  | 14.9               | 89.1      | 35.8   |
| 1968 | 72.4                  | 79.7                         | 79.2   | 46.1   | 48.5  | 16.5               | 90.0      | 39.1   |
| 1969 | 73.0                  | 80.1                         | 78.1   | 48.2   | 53.6  | 20.5               | 97.7      | 41.0   |
| 1970 | 75.2                  | 81.9                         | 81.0   | 48.2   | 59.5  | 21.8               | 90.6      | 42.0   |
| 1971 | 76.5                  | 83.9                         | 80.8   | 48.5   | 62.5  | 23.4               | 77.5      | 41.8   |
| 1972 | 77.2                  | 84.0                         | 81.6   | 54.8   | 64.7  | 25.4               | 82.7      | 45.6   |
| 1973 | 78.8                  | 80.1                         | 79.8   | 55.6   | 64.9  | 26.9               | 80.8      | 47.7   |
| 1974 | 83.4                  | 84.4                         | 80.4   | 57.9   | 68.4  | 30.3               | 81.4      | 47.6   |
| 1975 | 84.3                  | 83.7                         | 82.2   | 62.9   | 68.3  | 34.8               | 88.9      | 51.0   |
| 1976 | 85.4                  | 89.0                         | 86.1   | 69.6   | 69.2  | 36.6               | 98.0      | 55.3   |
| 1977 | 86.6                  | 88.9                         | 87.5   | 75.2   | 74.6  | 38.5               | 99.5      | 55.8   |
| 1978 | 89.3                  | 87.8                         | 86.1   | 79.1   | 80.1  | 41.5               | 106.0     | 58.8   |
| 1979 | 92.4                  | 86.7                         | 85.3   | 78.5   | 84.2  | 51.3               | 102.8     | 62.5   |
| 1980 | 95.3                  | 89.3                         | 89.7   | 83.6   | 85.5  | 54.1               | 98.6      | 69.5   |
| 1981 | 95.8                  | 91.1                         | 90.2   | 88.4   | 85.5  | 52.5               | 101.1     | 71.7   |
| 1982 | 96.2                  | 90.4                         | 93.2   | 91.1   | 88.0  | 54.9               | 93.0      | 72.5   |
| 1983 | 98.7                  | 93.2                         | 92.4   | 96.5   | 90.2  | 61.8               | 89.8      | 74.7   |
| 1984 | 100.0                 | 92.9                         | 94.5   | 94.2   | 92.1  | 71.1               | 91.2      | 76.3   |
| 1985 | 99.8                  | 95.1                         | 96.3   | 94.2   | 95.4  | 79.4               | 99.5      | 78.7   |
| 1986 | 100.9                 | 96.4                         | 94.7   | 101.7  | 96.5  | 83.8               | 104.2     | 82.3   |
| 1987 | 100.5                 | 96.8                         | 94.2   | 104.7  | 98.5  | 91.9               | 95.2      | 88.3   |
| 1988 | 99.5                  | 98.9                         | 99.2   | 101.8  | 99.7  | 96.1               | 92.0      | 93.3   |
| 1989 | 98.6                  | 98.9                         | 99.5   | 94.3   | 100.4 | 95.0               | 94.8      | 96.2   |
| 1990 | 100.5                 | 99.6                         | 101.1  | 100.1  | 99.8  | 100.8              | 103.9     | 97.8   |
| 1991 | 100.9                 | 101.5                        | 99.4   | 105.6  | 99.8  | 104.2              | 101.3     | 106.0  |
| 1992 | 99.6                  | 104.8                        | 104.9  | 108.9  | 101.2 | 124.9              | 99.9      | 111.7  |
| 1993 | 99.0                  | 105.1                        | 103.4  | 116.4  | 101.0 | 131.6              | 102.3     | 114.4  |
| 1994 | 99.0                  | 109.9                        | 105.5  | 118.8  | 98.8  | 134.3              | 105.8     | 120.1  |
| 1995 | 100.2                 | 112.0                        | 110.7  | 127.7  | 97.6  | 137.8              | 106.2     | 130.1  |
| 1996 | 100.8                 | 113.4                        | 118.2  | 117.1  | 96.1  | 148.0              | 104.3     | 143.0  |
| 1997 | 100.4                 | 114.7                        | 121.3  | 123.4  | 94.2  | 156.8              | 105.2     | 144.0  |
| 1998 | 101.8                 | 117.3                        | 127.5  | 131.0  | 95.0  | 161.9              | 105.2     | 144.9  |
| 1999 | 102.1                 | 121.1                        | 134.9  | 135.3  | 93.9  | 144.5              | 105.8     | 152.4  |
| 2000 | 101.7                 | 121.7                        | 136.0  | 137.8  | 93.7  | 144.5              | 105.8     | 152.4  |

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 37.1

## Mundo: Índices de producción en los alimentos

(Base 89-91)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia  |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|-------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón | República de Corea | Argentina | Brasil |
| 1961 | 61.5                  | 59.7                         | 46.1   | 37.2   | 64.2  | 33.7               | 59.1      | 29.7   |
| 1962 | 64.5                  | 63.9                         | 55.1   | 39.8   | 68.0  | 31.8               | 59.6      | 30.7   |
| 1963 | 65.4                  | 69.9                         | 59.6   | 40.9   | 69.3  | 35.0               | 62.7      | 31.6   |
| 1964 | 65.6                  | 64.8                         | 57.1   | 44.3   | 71.4  | 40.5               | 63.8      | 33.2   |
| 1965 | 66.6                  | 61.0                         | 62.3   | 47.7   | 73.8  | 41.3               | 65.1      | 37.0   |
| 1966 | 67.5                  | 67.5                         | 67.6   | 51.3   | 74.4  | 44.7               | 66.5      | 36.2   |
| 1967 | 71.7                  | 74.1                         | 60.1   | 52.1   | 79.6  | 42.2               | 70.6      | 38.7   |
| 1968 | 72.9                  | 69.9                         | 64.8   | 52.9   | 83.7  | 42.6               | 70.7      | 40.1   |
| 1969 | 72.1                  | 75.6                         | 63.2   | 53.2   | 83.2  | 49.2               | 71.0      | 41.5   |
| 1970 | 75.4                  | 73.8                         | 59.2   | 55.2   | 84.1  | 48.8               | 70.1      | 44.2   |
| 1971 | 76.0                  | 68.4                         | 68.2   | 57.8   | 83.3  | 50.3               | 76.3      | 45.0   |
| 1972 | 75.7                  | 68.5                         | 66.2   | 60.8   | 87.9  | 50.5               | 75.2      | 47.8   |
| 1973 | 79.8                  | 71.1                         | 66.0   | 62.8   | 86.5  | 51.9               | 76.8      | 48.6   |
| 1974 | 82.8                  | 75.1                         | 61.8   | 63.6   | 87.7  | 55.6               | 78.4      | 51.4   |
| 1975 | 81.6                  | 77.6                         | 69.0   | 67.2   | 90.2  | 63.0               | 83.9      | 54.1   |
| 1976 | 80.6                  | 85.6                         | 77.1   | 68.6   | 87.2  | 69.2               | 86.6      | 59.2   |
| 1977 | 81.9                  | 85.6                         | 77.2   | 75.1   | 93.8  | 74.0               | 89.6      | 61.3   |
| 1978 | 86.8                  | 93.4                         | 80.6   | 81.4   | 94.2  | 79.2               | 89.0      | 59.5   |
| 1979 | 90.3                  | 94.3                         | 74.1   | 78.6   | 96.4  | 83.2               | 93.7      | 63.2   |
| 1980 | 92.7                  | 86.6                         | 79.2   | 83.8   | 92.2  | 72.0               | 90.7      | 71.9   |
| 1981 | 90.8                  | 94.3                         | 85.6   | 89.1   | 93.3  | 77.6               | 99.1      | 73.3   |
| 1982 | 95.3                  | 96.2                         | 92.3   | 88.8   | 96.9  | 80.7               | 98.6      | 75.6   |
| 1983 | 94.2                  | 93.0                         | 87.0   | 92.7   | 97.3  | 82.0               | 84.3      | 76.2   |
| 1984 | 99.0                  | 96.5                         | 87.4   | 92.4   | 99.1  | 85.3               | 96.4      | 80.7   |
| 1985 | 97.6                  | 99.0                         | 90.8   | 96.5   | 101.7 | 89.8               | 102.1     | 87.0   |
| 1986 | 98.5                  | 102.4                        | 98.6   | 97.9   | 102.2 | 93.0               | 96.7      | 84.9   |
| 1987 | 99.7                  | 94.6                         | 94.8   | 101.7  | 102.3 | 93.1               | 95.2      | 92.4   |
| 1988 | 98.0                  | 97.7                         | 83.9   | 98.1   | 100.9 | 98.7               | 89.6      | 97.1   |
| 1989 | 99.3                  | 90.4                         | 93.2   | 93.6   | 101.7 | 100.0              | 98.9      | 101.8  |
| 1990 | 100.0                 | 103.8                        | 103.4  | 101.0  | 100.8 | 101.9              | 101.2     | 97.2   |
| 1991 | 100.7                 | 105.8                        | 103.5  | 105.4  | 97.5  | 98.1               | 99.9      | 101.0  |
| 1992 | 101.8                 | 106.3                        | 102.6  | 106.0  | 101.2 | 110.9              | 109.7     | 107.1  |
| 1993 | 98.6                  | 104.2                        | 103.4  | 109.0  | 94.6  | 110.5              | 100.0     | 108.4  |
| 1994 | 97.5                  | 111.9                        | 108.1  | 113.6  | 100.3 | 111.7              | 115.7     | 116.1  |
| 1995 | 97.4                  | 117.3                        | 110.6  | 121.4  | 98.2  | 112.8              | 110.1     | 123.6  |
| 1996 | 101.9                 | 121.0                        | 117.4  | 117.1  | 95.9  | 120.3              | 114.4     | 128.4  |
| 1997 | 101.9                 | 124.4                        | 116.4  | 122.6  | 95.2  | 126.0              | 118.6     | 131.7  |
| 1998 | 101.9                 | 136.1                        | 123.2  | 124.2  | 92.0  | 125.2              | 120.8     | 131.7  |
| 1999 | 103.8                 | 138.7                        | 131.8  | 128.4  | 92.5  | 105.9              | 121.8     | 139.2  |
| 2000 | 103.9                 | 138.8                        | 131.4  | 132.7  | 92.8  | 105.9              | 126.2     | 139.4  |

Fuente: Elaborado por el CEFPA de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 38.1

## Mundo: Índices de producción en los no alimentos

(Base 89-91)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia  |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|-------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón | República de Corea | Argentina | Brasil |
| 1961 | 71.7                  | 108.9                        | 78.6   | 120.9  | 229.7 | 63.9               | 91.6      | 99.7   |
| 1962 | 75.2                  | 115.6                        | 81.5   | 129.1  | 226.2 | 66.9               | 89.5      | 104.7  |
| 1963 | 79.8                  | 118.0                        | 91.7   | 138.2  | 236.9 | 60.6               | 97.5      | 87.7   |
| 1964 | 79.8                  | 114.6                        | 78.8   | 151.5  | 262.8 | 82.3               | 93.1      | 73.0   |
| 1965 | 76.2                  | 109.8                        | 101.2  | 150.9  | 243.7 | 97.1               | 96.4      | 109.8  |
| 1966 | 73.7                  | 81.2                         | 100.4  | 142.8  | 247.0 | 123.6              | 93.4      | 80.6   |
| 1967 | 74.0                  | 70.8                         | 68.4   | 141.4  | 262.8 | 121.8              | 89.1      | 91.1   |
| 1968 | 67.6                  | 86.0                         | 91.8   | 158.2  | 262.8 | 138.0              | 83.6      | 83.5   |
| 1969 | 65.0                  | 82.8                         | 115.3  | 121.4  | 247.7 | 138.5              | 86.7      | 91.9   |
| 1970 | 63.5                  | 84.3                         | 153.4  | 112.2  | 235.0 | 135.1              | 97.0      | 74.1   |
| 1971 | 63.2                  | 81.6                         | 99.6   | 125.9  | 230.6 | 150.9              | 86.0      | 101.4  |
| 1972 | 65.1                  | 97.9                         | 81.4   | 127.9  | 226.4 | 215.4              | 80.1      | 98.7   |
| 1973 | 64.8                  | 93.9                         | 101.6  | 126.0  | 238.0 | 222.4              | 80.8      | 84.2   |
| 1974 | 65.2                  | 88.8                         | 89.4   | 150.7  | 225.7 | 220.3              | 84.6      | 105.1  |
| 1975 | 68.2                  | 74.1                         | 93.6   | 94.2   | 224.5 | 226.5              | 94.0      | 88.0   |
| 1976 | 71.7                  | 84.2                         | 66.0   | 94.7   | 223.1 | 248.5              | 87.0      | 53.3   |
| 1977 | 70.0                  | 102.0                        | 110.6  | 123.8  | 213.0 | 257.1              | 101.3     | 81.9   |
| 1978 | 71.8                  | 84.6                         | 108.7  | 124.9  | 211.5 | 235.0              | 104.6     | 88.4   |
| 1979 | 73.0                  | 98.4                         | 112.4  | 119.0  | 204.2 | 204.0              | 91.4      | 92.7   |
| 1980 | 72.8                  | 82.9                         | 96.0   | 128.5  | 191.3 | 165.8              | 90.9      | 84.9   |
| 1981 | 74.5                  | 109.4                        | 100.1  | 118.0  | 180.2 | 140.1              | 76.4      | 112.2  |
| 1982 | 74.1                  | 89.7                         | 106.1  | 88.8   | 177.7 | 169.9              | 88.7      | 84.2   |
| 1983 | 75.3                  | 61.1                         | 99.2   | 104.5  | 175.8 | 149.0              | 86.4      | 98.5   |
| 1984 | 84.8                  | 91.3                         | 108.2  | 102.9  | 158.6 | 139.7              | 89.6      | 94.1   |
| 1985 | 89.1                  | 91.0                         | 131.7  | 93.8   | 147.6 | 115.0              | 85.3      | 127.6  |
| 1986 | 90.0                  | 68.3                         | 130.6  | 98.3   | 140.5 | 122.6              | 78.7      | 91.6   |
| 1987 | 90.8                  | 93.9                         | 102.1  | 111.7  | 128.4 | 113.3              | 80.8      | 115.1  |
| 1988 | 100.8                 | 98.9                         | 68.9   | 135.6  | 111.2 | 104.2              | 101.0     | 104.4  |
| 1989 | 100.3                 | 82.5                         | 84.8   | 93.7   | 103.2 | 109.4              | 90.6      | 100.4  |
| 1990 | 99.9                  | 103.0                        | 115.0  | 110.4  | 103.6 | 96.3               | 106.1     | 97.8   |
| 1991 | 99.8                  | 114.6                        | 100.2  | 95.9   | 93.2  | 94.3               | 103.2     | 101.8  |
| 1992 | 99.3                  | 107.8                        | 66.0   | 65.9   | 89.8  | 102.0              | 89.8      | 100.5  |
| 1993 | 99.1                  | 105.6                        | 95.9   | 70.9   | 80.0  | 130.0              | 73.4      | 92.4   |
| 1994 | 101.4                 | 123.2                        | 122.4  | 85.9   | 78.6  | 118.7              | 72.6      | 90.8   |
| 1995 | 103.9                 | 110.6                        | 139.1  | 95.8   | 74.6  | 100.6              | 87.0      | 78.2   |
| 1996 | 99.6                  | 118.6                        | 116.7  | 114.6  | 71.6  | 74.1               | 93.8      | 84.8   |
| 1997 | 106.3                 | 121.2                        | 123.0  | 101.7  | 73.3  | 68.1               | 79.1      | 84.2   |
| 1998 | 108.3                 | 92.9                         | 137.8  | 103.8  | 70.6  | 69.9               | 80.7      | 96.5   |
| 1999 | 117.8                 | 106.1                        | 133.6  | 86.4   | 70.6  | 81.2               | 66.1      | 102.8  |
| 2000 | 113.6                 | 110.8                        | 110.7  | 88.4   | 70.6  | 81.2               | 58.7      | 112.6  |

Fuente: Elaborado por el CEFP de la H.Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre del 2000.

## COMPARACIONES INTERNACIONALES

|                                                         |     |
|---------------------------------------------------------|-----|
| 39. Arroz                                               |     |
| 39.1 Superficie cultivada de arroz (hectáreas)          | 200 |
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| 40. Cebada                                              |     |
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| 41. Fríjol                                              |     |
| 41.1 Superficie cultivada de fríjol (hectáreas)         | 204 |
| 41.2 Rendimiento de fríjol (hectogramos por hectárea)   | 205 |
| 42. Maíz                                                |     |
| 42.1 Superficie cultivada de maíz (hectáreas)           | 206 |
| 42.2 Rendimiento de maíz (hectogramos por hectárea)     | 207 |
| 43. Semilla de ajonjolí                                 |     |
| 43.1 Superficie cultivada de ajonjolí (hectáreas)       | 208 |
| 43.2 Rendimiento de ajonjolí (hectogramos por hectárea) | 209 |
| 44. Semilla de algodón                                  |     |
| 44.1 Superficie cultivada de algodón (hectáreas)        | 210 |
| 44.2 Rendimiento de algodón (hectogramos por hectárea)  | 211 |
| 45. Semilla de cártamo                                  |     |
| 45.1 Superficie cultivada de cártamo (hectáreas)        | 212 |
| 45.2 Rendimiento de cártamo (hectogramos por hectárea)  | 213 |
| 46. Sorgo                                               |     |
| 46.1 Superficie cultivada de sorgo (hectáreas)          | 214 |
| 46.2 Rendimiento de sorgo (hectogramos por hectárea)    | 215 |
| 47. Soya                                                |     |
| 47.1 Superficie cultivada de soya (hectáreas)           | 216 |
| 47.2 Rendimiento de soya (hectogramos por hectárea)     | 217 |
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| 48.2 Rendimiento de trigo (hectogramos por hectárea)    | 219 |

# SECTOR AGROPECUARIO

CUADRO 39.1

## Mundo: Superficie cultivada de arroz

(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                          |         | Asia      |                       | Mercosur  |           |
|------|-----------------------|------------------------------|---------|-----------|-----------------------|-----------|-----------|
|      |                       | Estados Unidos de<br>América | México  | Japón     | República<br>de Corea | Argentina | Brasil    |
| 1961 | 278,202               | 643,000                      | 146,341 | 3,312,000 | 1,128,000             | 46,000    | 3,174,037 |
| 1962 | 267,800               | 717,000                      | 133,904 | 3,295,000 | 1,139,000             | 53,060    | 3,349,810 |
| 1963 | 262,726               | 717,000                      | 134,757 | 3,276,000 | 1,155,000             | 52,300    | 3,721,800 |
| 1964 | 276,207               | 723,000                      | 132,594 | 3,264,000 | 1,195,000             | 54,020    | 4,182,361 |
| 1965 | 274,155               | 725,470                      | 138,065 | 3,258,500 | 1,228,000             | 67,880    | 4,618,898 |
| 1966 | 271,184               | 796,086                      | 152,642 | 3,258,000 | 1,231,000             | 46,795    | 4,004,850 |
| 1967 | 280,829               | 797,260                      | 168,363 | 3,267,000 | 1,235,000             | 61,830    | 4,291,147 |
| 1968 | 294,384               | 952,374                      | 138,712 | 3,284,000 | 1,151,000             | 70,800    | 4,458,952 |
| 1969 | 314,300               | 861,321                      | 152,980 | 3,279,000 | 1,220,000             | 87,500    | 4,620,699 |
| 1970 | 316,122               | 734,373                      | 149,973 | 2,927,000 | 1,203,000             | 101,900   | 4,979,165 |
| 1971 | 313,479               | 735,668                      | 153,572 | 2,698,000 | 1,190,000             | 77,200    | 4,763,998 |
| 1972 | 318,776               | 735,668                      | 156,145 | 2,643,000 | 1,191,000             | 83,100    | 4,532,933 |
| 1973 | 323,478               | 878,237                      | 150,400 | 2,622,000 | 1,181,718             | 76,550    | 4,794,832 |
| 1974 | 317,300               | 1,024,245                    | 172,949 | 2,724,000 | 1,204,515             | 82,700    | 4,664,883 |
| 1975 | 296,625               | 1,140,388                    | 256,661 | 2,764,000 | 1,218,000             | 92,500    | 5,306,270 |
| 1976 | 295,484               | 1,003,606                    | 159,410 | 2,779,000 | 1,214,904             | 87,270    | 6,656,480 |
| 1977 | 317,367               | 910,150                      | 180,464 | 2,757,000 | 1,230,041             | 90,600    | 5,992,090 |
| 1978 | 322,073               | 1,201,930                    | 121,314 | 2,548,000 | 1,229,750             | 95,000    | 5,623,515 |
| 1979 | 312,048               | 1,161,060                    | 151,228 | 2,497,000 | 1,233,234             | 102,400   | 5,452,086 |
| 1980 | 303,580               | 1,340,300                    | 127,477 | 2,377,000 | 1,233,038             | 82,200    | 6,243,138 |
| 1981 | 284,277               | 1,534,580                    | 174,792 | 2,278,000 | 1,223,892             | 81,800    | 6,101,772 |
| 1982 | 298,761               | 1,320,100                    | 156,809 | 2,257,000 | 1,188,073             | 113,600   | 6,024,657 |
| 1983 | 271,801               | 877,750                      | 133,326 | 2,273,000 | 1,228,481             | 92,100    | 5,108,250 |
| 1984 | 307,489               | 1,134,000                    | 125,896 | 2,315,000 | 1,230,861             | 128,385   | 5,351,473 |
| 1985 | 318,452               | 1,008,500                    | 216,466 | 2,342,000 | 1,236,768             | 108,750   | 4,754,692 |
| 1986 | 332,656               | 955,000                      | 157,430 | 2,303,000 | 1,235,925             | 112,900   | 5,590,927 |
| 1987 | 330,728               | 944,100                      | 154,814 | 2,146,000 | 1,262,324             | 94,680    | 6,000,016 |
| 1988 | 348,265               | 1,173,600                    | 126,670 | 2,110,000 | 1,260,129             | 91,700    | 5,960,984 |
| 1989 | 331,827               | 1,087,000                    | 151,458 | 2,097,000 | 1,256,661             | 104,900   | 5,254,159 |
| 1990 | 375,235               | 1,142,400                    | 105,402 | 2,074,000 | 1,244,341             | 116,620   | 3,944,881 |
| 1991 | 369,683               | 1,125,400                    | 84,790  | 2,049,000 | 1,208,455             | 86,265    | 4,127,284 |
| 1992 | 361,427               | 1,267,500                    | 90,420  | 2,106,000 | 1,157,000             | 132,400   | 4,686,963 |
| 1993 | 339,284               | 1,146,500                    | 58,939  | 2,139,000 | 1,135,000             | 139,650   | 4,420,800 |
| 1994 | 377,140               | 1,341,950                    | 87,796  | 2,212,000 | 1,103,000             | 141,340   | 4,415,180 |
| 1995 | 366,790               | 1,251,700                    | 78,439  | 2,118,000 | 1,055,337             | 184,000   | 4,375,920 |
| 1996 | 429,237               | 1,134,700                    | 86,778  | 1,977,000 | 1,048,987             | 193,000   | 3,917,463 |
| 1997 | 425,122               | 1,255,700                    | 113,492 | 1,953,000 | 1,051,659             | 224,400   | 3,058,130 |
| 1998 | 407,293               | 1,342,400                    | 101,560 | 1,801,000 | 1,056,483             | 214,000   | 3,069,145 |
| 1999 | 397,664               | 1,421,300                    | 82,619  | 1,788,000 | 1,058,600             | 289,000   | 3,840,040 |
| 2000 | 398,550               | 1,248,500                    | 97,877  | 1,800,000 | 1,058,600             | 190,000   | 3,634,250 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

## CUADRO 39.2

### Mundo: Rendimiento de arroz

(Hectogramos por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        | Asia   |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | México | Japón  | República de Corea | Argentina | Brasil |
| 1961 | 53,401                | 38,227                       | 22,751 | 48,794 | 41,480             | 32,391    | 16,989 |
| 1962 | 53,305                | 41,785                       | 21,581 | 51,372 | 35,768             | 34,357    | 16,589 |
| 1963 | 50,373                | 44,449                       | 21,993 | 50,821 | 43,974             | 34,073    | 15,423 |
| 1964 | 51,849                | 45,906                       | 20,697 | 50,111 | 44,720             | 35,172    | 15,171 |
| 1965 | 43,675                | 47,693                       | 27,344 | 49,489 | 39,634             | 39,423    | 16,410 |
| 1966 | 49,151                | 48,442                       | 24,386 | 50,841 | 44,257             | 35,324    | 14,487 |
| 1967 | 52,239                | 50,851                       | 24,821 | 57,490 | 40,551             | 35,096    | 15,828 |
| 1968 | 45,741                | 49,600                       | 25,034 | 57,183 | 38,593             | 39,958    | 14,919 |
| 1969 | 52,338                | 48,399                       | 25,816 | 55,505 | 46,623             | 39,429    | 13,838 |
| 1970 | 49,483                | 51,763                       | 27,031 | 56,348 | 45,520             | 39,941    | 15,169 |
| 1971 | 49,821                | 52,882                       | 24,039 | 52,439 | 46,697             | 37,306    | 13,840 |
| 1972 | 43,170                | 52,679                       | 25,822 | 58,458 | 46,146             | 35,379    | 14,914 |
| 1973 | 53,640                | 47,911                       | 29,958 | 60,175 | 49,504             | 33,965    | 14,933 |
| 1974 | 52,832                | 49,770                       | 28,425 | 58,605 | 51,257             | 38,210    | 14,500 |
| 1975 | 55,536                | 51,086                       | 27,921 | 61,856 | 53,243             | 37,946    | 14,665 |
| 1976 | 50,342                | 52,268                       | 29,072 | 55,013 | 59,667             | 35,407    | 14,658 |
| 1977 | 40,165                | 49,450                       | 31,438 | 61,683 | 67,868             | 35,320    | 15,009 |
| 1978 | 50,148                | 50,257                       | 33,119 | 61,758 | 69,380             | 32,632    | 12,974 |
| 1979 | 57,561                | 51,548                       | 32,652 | 59,864 | 63,905             | 30,469    | 13,931 |
| 1980 | 54,716                | 49,461                       | 34,937 | 51,279 | 43,076             | 32,360    | 15,658 |
| 1981 | 54,707                | 54,015                       | 40,597 | 56,295 | 58,410             | 35,000    | 13,485 |
| 1982 | 55,653                | 52,791                       | 32,890 | 56,881 | 61,510             | 38,486    | 16,158 |
| 1983 | 54,402                | 51,532                       | 31,580 | 57,008 | 61,926             | 36,602    | 15,155 |
| 1984 | 55,737                | 55,523                       | 38,693 | 64,138 | 64,754             | 37,419    | 16,869 |
| 1985 | 59,563                | 60,704                       | 37,305 | 62,246 | 63,514             | 36,782    | 18,980 |
| 1986 | 58,954                | 63,340                       | 34,595 | 63,218 | 63,688             | 38,849    | 18,610 |
| 1987 | 57,019                | 62,271                       | 38,175 | 61,901 | 60,173             | 39,185    | 17,375 |
| 1988 | 55,795                | 61,801                       | 36,042 | 58,858 | 65,550             | 41,810    | 19,806 |
| 1989 | 58,582                | 64,465                       | 34,803 | 61,679 | 64,456             | 46,711    | 20,993 |
| 1990 | 59,653                | 61,975                       | 37,418 | 63,279 | 62,057             | 36,709    | 18,805 |
| 1991 | 59,262                | 64,244                       | 40,954 | 58,590 | 60,346             | 40,294    | 23,008 |
| 1992 | 59,909                | 64,292                       | 43,577 | 62,754 | 63,120             | 52,923    | 21,254 |
| 1993 | 58,178                | 61,762                       | 48,725 | 45,783 | 57,330             | 43,559    | 22,944 |
| 1994 | 58,728                | 66,851                       | 42,555 | 67,703 | 62,393             | 43,017    | 23,780 |
| 1995 | 57,496                | 63,010                       | 46,792 | 63,432 | 60,524             | 50,326    | 25,654 |
| 1996 | 62,014                | 68,485                       | 45,412 | 65,402 | 67,889             | 51,088    | 25,501 |
| 1997 | 63,908                | 66,099                       | 41,365 | 64,163 | 69,529             | 53,699    | 27,310 |
| 1998 | 65,699                | 63,542                       | 45,108 | 62,188 | 64,168             | 48,411    | 25,231 |
| 1999 | 66,156                | 65,750                       | 47,779 | 64,143 | 68,680             | 57,370    | 30,684 |
| 2000 | 62,788                | 69,626                       | 46,026 | 65,278 | 68,680             | 50,053    | 30,104 |

Fuente: Elaborado por el CEFPA de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre



**SECTOR AGROPECUARIO**

**CUADRO 40.1**

**Mundo: Superficie cultivada de cebada**

(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                          |           |         | Asia    |                    | Mercosur  |         |
|------|-----------------------|------------------------------|-----------|---------|---------|--------------------|-----------|---------|
|      |                       | Estados Unidos de<br>América | Canadá    | México  | Japón   | República de Corea | Argentina | Brasil  |
| 1961 | 9,243,866             | 5,183,000                    | 2,237,476 | 233,103 | 692,300 | 649,375            | 741,500   | 31,511  |
| 1962 | 9,254,549             | 4,944,000                    | 2,139,462 | 192,645 | 612,800 | 672,464            | 360,900   | 28,454  |
| 1963 | 10,254,607            | 4,548,000                    | 2,499,800 | 232,423 | 565,100 | 718,830            | 695,100   | 30,443  |
| 1964 | 10,134,358            | 4,160,000                    | 2,223,514 | 211,709 | 478,300 | 755,423            | 552,600   | 31,164  |
| 1965 | 10,603,967            | 3,709,944                    | 2,477,127 | 226,285 | 422,200 | 826,976            | 383,700   | 33,550  |
| 1966 | 11,555,487            | 4,148,617                    | 3,019,439 | 240,750 | 387,900 | 766,965            | 410,700   | 41,175  |
| 1967 | 11,992,022            | 3,735,924                    | 3,286,528 | 238,461 | 352,300 | 784,522            | 496,200   | 41,760  |
| 1968 | 12,540,551            | 3,939,115                    | 3,583,199 | 251,829 | 315,900 | 789,712            | 538,800   | 34,741  |
| 1969 | 13,000,685            | 3,868,013                    | 3,787,117 | 244,965 | 283,100 | 760,428            | 457,000   | 29,587  |
| 1970 | 13,308,446            | 3,930,859                    | 4,003,863 | 224,051 | 225,800 | 730,269            | 356,200   | 25,044  |
| 1971 | 13,334,145            | 4,090,141                    | 5,657,629 | 221,199 | 163,400 | 677,027            | 478,800   | 23,693  |
| 1972 | 13,586,556            | 3,904,272                    | 5,062,102 | 217,401 | 121,200 | 710,173            | 602,400   | 19,829  |
| 1973 | 14,226,340            | 4,167,435                    | 4,839,244 | 262,461 | 80,000  | 665,928            | 501,600   | 17,888  |
| 1974 | 14,405,318            | 3,209,112                    | 4,775,020 | 173,353 | 77,500  | 703,689            | 368,700   | 16,298  |
| 1975 | 15,102,252            | 3,487,128                    | 4,462,500 | 286,464 | 78,100  | 711,010            | 438,800   | 23,732  |
| 1976 | 15,042,146            | 3,415,095                    | 4,353,386 | 363,518 | 80,300  | 710,974            | 476,000   | 48,500  |
| 1977 | 15,741,554            | 3,936,727                    | 4,751,800 | 248,481 | 77,800  | 515,602            | 310,000   | 93,603  |
| 1978 | 16,169,505            | 3,742,570                    | 4,265,700 | 296,391 | 96,100  | 554,380            | 355,000   | 89,423  |
| 1979 | 16,215,625            | 3,046,000                    | 3,729,500 | 250,295 | 115,600 | 473,392            | 246,000   | 84,691  |
| 1980 | 15,998,726            | 2,938,000                    | 4,687,200 | 319,315 | 122,200 | 330,656            | 172,600   | 72,048  |
| 1981 | 15,852,278            | 3,657,500                    | 5,475,800 | 271,327 | 122,400 | 352,792            | 114,700   | 95,624  |
| 1982 | 15,494,142            | 3,647,400                    | 5,148,800 | 229,441 | 122,900 | 316,947            | 118,900   | 166,882 |
| 1983 | 15,104,636            | 3,937,900                    | 4,332,800 | 303,621 | 123,900 | 328,000            | 96,300    | 120,981 |
| 1984 | 15,146,089            | 4,540,000                    | 4,557,000 | 283,121 | 116,700 | 337,858            | 107,200   | 73,193  |
| 1985 | 15,379,640            | 4,691,000                    | 4,750,300 | 280,529 | 112,900 | 237,495            | 75,700    | 110,308 |
| 1986 | 15,094,092            | 4,846,000                    | 4,828,700 | 266,485 | 107,400 | 190,456            | 76,255    | 102,935 |
| 1987 | 14,509,370            | 4,029,500                    | 5,004,200 | 286,225 | 111,470 | 205,594            | 131,138   | 101,655 |
| 1988 | 14,566,145            | 3,090,000                    | 4,152,400 | 247,214 | 113,880 | 195,282            | 139,160   | 101,979 |
| 1989 | 13,895,066            | 3,364,000                    | 4,727,000 | 263,526 | 112,970 | 178,376            | 162,030   | 113,001 |
| 1990 | 13,460,367            | 3,047,000                    | 4,528,700 | 262,840 | 106,100 | 159,135            | 148,900   | 105,067 |
| 1991 | 13,370,987            | 3,405,000                    | 4,217,000 | 284,096 | 95,100  | 126,950            | 233,480   | 97,153  |
| 1992 | 12,703,022            | 2,948,200                    | 3,792,000 | 289,974 | 84,300  | 103,294            | 228,700   | 67,171  |
| 1993 | 11,315,118            | 2,732,900                    | 4,159,000 | 234,156 | 77,180  | 116,817            | 198,850   | 67,063  |
| 1994 | 10,930,706            | 2,698,100                    | 4,092,000 | 115,815 | 62,330  | 84,221             | 149,000   | 53,607  |
| 1995 | 11,017,686            | 2,541,000                    | 4,363,000 | 246,407 | 58,870  | 87,489             | 217,880   | 69,458  |
| 1996 | 11,430,573            | 2,714,000                    | 4,888,000 | 283,295 | 57,070  | 92,353             | 250,000   | 89,266  |
| 1997 | 11,882,447            | 2,508,000                    | 4,700,000 | 243,522 | 57,450  | 67,680             | 323,000   | 127,633 |
| 1998 | 11,365,481            | 2,373,000                    | 4,272,000 | 267,548 | 54,720  | 82,032             | 213,000   | 156,185 |
| 1999 | 10,868,346            | 1,925,500                    | 4,069,300 | 213,609 | 52,000  | 85,051             | 176,000   | 136,360 |
| 2000 | 10,732,900            | 2,118,550                    | 4,700,000 | 312,077 | 52,000  | 85,051             | 176,000   | 150,308 |

Fuente: Elaborado por el CEFPA de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 40.2

## Mundo: Rendimiento de cebada

(Hectogramos por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia   |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|--------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón  | República de Corea | Argentina | Brasil |
| 1961 | 24221                 | 16489                        | 10961  | 7470   | 28547  | 25594              | 10789     | 7715   |
| 1962 | 28243                 | 18839                        | 16880  | 7844   | 28169  | 22990              | 9559      | 9713   |
| 1963 | 27,901                | 18,808                       | 19,268 | 7,986  | 31,125 | 14,398             | 14,674    | 6,729  |
| 1964 | 29,504                | 20,209                       | 16,495 | 8,057  | 25,147 | 22,557             | 14,948    | 9,199  |
| 1965 | 29,514                | 23,071                       | 19,187 | 8,539  | 29,228 | 24,511             | 10,529    | 8,182  |
| 1966 | 28,441                | 20,582                       | 21,721 | 9,141  | 28,484 | 29,558             | 10,665    | 8,429  |
| 1967 | 32,244                | 21,785                       | 16,751 | 8,529  | 29,302 | 27,443             | 11,850    | 7,347  |
| 1968 | 30,980                | 23,557                       | 19,811 | 10,035 | 32,305 | 29,542             | 10,319    | 8,344  |
| 1969 | 31,063                | 24,039                       | 21,345 | 8,674  | 28,686 | 30,430             | 12,473    | 10,349 |
| 1970 | 27,673                | 23,049                       | 22,202 | 10,603 | 25,354 | 30,263             | 10,303    | 10,675 |
| 1971 | 32,400                | 24,617                       | 23,152 | 12,221 | 30,771 | 30,974             | 11,550    | 8,292  |
| 1972 | 33,515                | 23,517                       | 22,293 | 14,263 | 26,799 | 31,288             | 14,608    | 7,788  |
| 1973 | 32,686                | 21,808                       | 21,126 | 14,949 | 27,038 | 30,093             | 14,593    | 7,186  |
| 1974 | 34,206                | 20,263                       | 18,409 | 14,444 | 30,077 | 27,384             | 11,663    | 7,398  |
| 1975 | 31,794                | 23,673                       | 21,311 | 15,369 | 28,284 | 33,206             | 11,912    | 10,729 |
| 1976 | 29,700                | 24,418                       | 24,149 | 15,109 | 26,189 | 34,361             | 15,966    | 12,691 |
| 1977 | 33,938                | 23,659                       | 24,836 | 16,814 | 26,452 | 21,916             | 11,387    | 10,178 |
| 1978 | 35,902                | 26,456                       | 24,376 | 17,048 | 33,923 | 33,316             | 15,606    | 16,094 |
| 1979 | 33,774                | 27,390                       | 22,733 | 14,684 | 35,156 | 43,410             | 13,780    | 11,586 |
| 1980 | 37,204                | 26,762                       | 24,309 | 16,594 | 31,530 | 33,267             | 12,572    | 10,365 |
| 1981 | 33,153                | 28,187                       | 25,063 | 20,300 | 31,291 | 32,824             | 11,465    | 11,491 |
| 1982 | 36,296                | 30,797                       | 27,124 | 18,458 | 31,709 | 33,413             | 17,780    | 5,904  |
| 1983 | 34,530                | 28,101                       | 23,562 | 18,359 | 30,621 | 35,305             | 17,238    | 10,326 |
| 1984 | 43,101                | 28,678                       | 22,594 | 21,864 | 33,890 | 33,446             | 20,896    | 10,591 |
| 1985 | 40,045                | 27,393                       | 26,076 | 19,113 | 33,446 | 33,377             | 15,588    | 15,467 |
| 1986 | 37,437                | 27,340                       | 30,170 | 19,226 | 32,067 | 33,002             | 18,346    | 18,009 |
| 1987 | 38,406                | 28,178                       | 27,891 | 21,587 | 31,659 | 34,881             | 21,481    | 19,135 |
| 1988 | 40,585                | 20,434                       | 24,603 | 14,987 | 35,037 | 39,935             | 23,627    | 12,310 |
| 1989 | 40,454                | 26,159                       | 24,929 | 16,508 | 32,876 | 40,162             | 22,512    | 21,903 |
| 1990 | 41,415                | 30,167                       | 29,680 | 18,716 | 32,601 | 36,320             | 21,934    | 14,976 |
| 1991 | 42,288                | 29,689                       | 27,548 | 20,423 | 29,611 | 37,150             | 24,557    | 11,375 |
| 1992 | 37,146                | 33,607                       | 29,092 | 18,966 | 33,903 | 42,306             | 25,501    | 19,002 |
| 1993 | 41,859                | 31,710                       | 31,190 | 23,084 | 36,719 | 37,923             | 23,113    | 16,395 |
| 1994 | 39,879                | 30,247                       | 28,573 | 26,531 | 36,066 | 38,233             | 23,111    | 16,903 |
| 1995 | 39,543                | 30,791                       | 29,871 | 19,749 | 37,065 | 44,915             | 17,709    | 15,064 |
| 1996 | 46,169                | 31,481                       | 31,837 | 20,676 | 40,862 | 43,478             | 21,480    | 24,997 |
| 1997 | 44,176                | 31,240                       | 28,781 | 19,328 | 33,612 | 38,222             | 28,669    | 20,281 |
| 1998 | 45,644                | 32,308                       | 29,749 | 15,353 | 26,243 | 31,271             | 25,310    | 19,339 |
| 1999 | 44,887                | 31,870                       | 32,428 | 21,822 | 39,423 | 38,875             | 22,727    | 23,105 |
| 2000 | 48,254                | 31,852                       | 31,064 | 17,044 | 39,423 | 38,875             | 22,727    | 24,542 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 41.1

## Mundo: Superficie cultivada de frijol

(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                          |         |           | Asia    |                    | Mercosur  |           |
|------|-----------------------|------------------------------|---------|-----------|---------|--------------------|-----------|-----------|
|      |                       | Estados Unidos de<br>América | Canadá  | México    | Japón   | República de Corea | Argentina | Brasil    |
| 1961 | 1,204,101             | 581,120                      | 26,587  | 1,617,107 | 223,900 | 36,076             | 31,130    | 2,580,567 |
| 1962 | 1,187,714             | 581,930                      | 26,506  | 1,673,694 | 225,000 | 35,112             | 22,740    | 2,716,257 |
| 1963 | 1,163,152             | 563,719                      | 28,651  | 1,710,767 | 217,100 | 36,668             | 28,352    | 2,982,432 |
| 1964 | 1,106,226             | 570,194                      | 33,669  | 2,091,025 | 212,900 | 37,156             | 30,383    | 3,130,562 |
| 1965 | 1,049,234             | 610,257                      | 38,485  | 2,116,858 | 200,600 | 40,304             | 37,453    | 3,272,525 |
| 1966 | 1,041,998             | 610,287                      | 47,752  | 2,240,022 | 214,100 | 48,045             | 28,332    | 3,324,592 |
| 1967 | 966,423               | 501,399                      | 34,802  | 1,929,967 | 192,300 | 50,620             | 28,707    | 3,650,568 |
| 1968 | 900,386               | 576,264                      | 36,785  | 1,790,669 | 169,400 | 51,460             | 38,321    | 3,663,301 |
| 1969 | 872,660               | 594,475                      | 36,421  | 1,655,520 | 155,500 | 52,133             | 56,685    | 3,633,264 |
| 1970 | 843,969               | 570,194                      | 33,224  | 1,746,947 | 163,600 | 49,530             | 41,300    | 3,484,778 |
| 1971 | 726,064               | 524,465                      | 45,810  | 1,965,126 | 161,900 | 45,029             | 60,640    | 3,936,281 |
| 1972 | 678,873               | 554,816                      | 54,308  | 1,686,746 | 161,300 | 42,060             | 62,200    | 3,971,034 |
| 1973 | 632,385               | 538,912                      | 53,903  | 1,869,686 | 146,300 | 42,349             | 78,700    | 3,815,452 |
| 1974 | 612,687               | 614,223                      | 69,400  | 1,551,877 | 136,400 | 41,235             | 108,000   | 4,288,555 |
| 1975 | 615,997               | 593,301                      | 65,558  | 1,752,632 | 120,400 | 44,549             | 137,410   | 4,145,916 |
| 1976 | 573,052               | 602,690                      | 66,400  | 1,315,819 | 109,000 | 45,875             | 146,960   | 4,059,176 |
| 1977 | 558,557               | 513,903                      | 70,000  | 1,630,732 | 109,300 | 46,135             | 171,000   | 4,551,032 |
| 1978 | 563,816               | 588,580                      | 59,893  | 1,580,228 | 87,400  | 36,699             | 136,000   | 4,617,259 |
| 1979 | 518,141               | 561,600                      | 34,000  | 1,051,431 | 83,600  | 40,121             | 231,290   | 4,212,424 |
| 1980 | 511,814               | 752,300                      | 38,400  | 1,551,352 | 79,300  | 38,790             | 205,000   | 4,643,409 |
| 1981 | 467,480               | 918,600                      | 44,500  | 1,990,569 | 79,000  | 42,780             | 211,400   | 5,026,925 |
| 1982 | 459,991               | 719,100                      | 44,500  | 1,571,092 | 93,000  | 45,437             | 229,700   | 5,926,143 |
| 1983 | 426,018               | 460,930                      | 27,500  | 1,957,801 | 98,400  | 35,950             | 199,900   | 4,064,028 |
| 1984 | 404,761               | 591,000                      | 30,400  | 1,679,426 | 96,100  | 31,205             | 184,805   | 5,320,150 |
| 1985 | 375,581               | 599,500                      | 36,400  | 1,782,341 | 84,800  | 29,728             | 191,350   | 5,315,890 |
| 1986 | 243,973               | 605,000                      | 43,700  | 1,807,976 | 77,600  | 34,687             | 225,780   | 5,477,688 |
| 1987 | 234,705               | 673,800                      | 56,700  | 1,787,066 | 84,800  | 40,452             | 159,753   | 5,221,794 |
| 1988 | 218,972               | 547,500                      | 42,500  | 1,947,298 | 86,500  | 39,565             | 170,900   | 5,764,882 |
| 1989 | 205,390               | 668,100                      | 44,500  | 1,320,851 | 90,500  | 33,918             | 137,100   | 5,175,270 |
| 1990 | 191,416               | 843,500                      | 54,600  | 2,094,017 | 89,000  | 26,690             | 207,400   | 4,680,085 |
| 1991 | 185,504               | 774,460                      | 50,900  | 1,988,981 | 76,400  | 27,876             | 189,630   | 5,442,813 |
| 1992 | 146,796               | 619,140                      | 63,700  | 1,295,588 | 68,400  | 23,602             | 183,000   | 5,150,339 |
| 1993 | 134,454               | 654,800                      | 80,700  | 1,873,862 | 69,800  | 22,093             | 150,000   | 3,886,351 |
| 1994 | 122,431               | 741,000                      | 79,500  | 2,086,687 | 72,000  | 18,899             | 171,000   | 5,469,012 |
| 1995 | 120,609               | 767,400                      | 104,900 | 2,040,447 | 70,800  | 27,500             | 221,000   | 4,996,090 |
| 1996 | 101,158               | 706,500                      | 73,600  | 2,048,397 | 67,600  | 23,720             | 243,000   | 4,944,699 |
| 1997 | 87,079                | 711,750                      | 87,700  | 1,615,057 | 65,300  | 22,541             | 255,000   | 4,401,770 |
| 1998 | 82,329                | 776,070                      | 93,900  | 2,146,472 | 60,000  | 22,433             | 270,000   | 3,324,388 |
| 1999 | 81,250                | 759,600                      | 149,900 | 1,694,659 | 57,800  | 22,433             | 275,000   | 4,148,370 |
| 2000 | 79,526                | 639,650                      | 149,900 | 2,234,936 | 57,800  | 22,433             | 275,000   | 4,340,440 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

## CUADRO 41.2

### Mundo: Rendimiento de frijol

(Hectogramos por Hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia   |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|--------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón  | República de Corea | Argentina | Brasil |
| 1961 | 4,690                 | 15,413                       | 11,874 | 4,473  | 14,064 | 5,041              | 10,601    | 6,760  |
| 1962 | 3,978                 | 14,049                       | 14,118 | 3,917  | 10,707 | 5,289              | 10,686    | 6,295  |
| 1963 | 4,758                 | 16,153                       | 14,059 | 3,959  | 12,607 | 5,040              | 11,498    | 6,513  |
| 1964 | 4,660                 | 13,886                       | 14,518 | 4,264  | 7,661  | 5,513              | 9,611     | 6,231  |
| 1965 | 4,350                 | 12,302                       | 15,047 | 4,061  | 12,079 | 4,955              | 10,226    | 6,997  |
| 1966 | 4,738                 | 14,835                       | 14,626 | 4,523  | 8,113  | 5,042              | 10,518    | 6,461  |
| 1967 | 4,987                 | 13,769                       | 17,079 | 5,079  | 13,697 | 4,984              | 9,510     | 6,979  |
| 1968 | 5,115                 | 13,723                       | 11,306 | 4,786  | 12,934 | 6,271              | 5,965     | 6,605  |
| 1969 | 5,167                 | 14,431                       | 13,347 | 5,041  | 12,547 | 6,092              | 5,628     | 6,055  |
| 1970 | 5,534                 | 13,841                       | 15,606 | 5,295  | 14,224 | 6,294              | 9,564     | 6,346  |
| 1971 | 5,945                 | 13,785                       | 14,169 | 4,854  | 10,303 | 6,368              | 9,730     | 6,829  |
| 1972 | 5,584                 | 14,702                       | 15,405 | 5,155  | 15,629 | 6,257              | 9,325     | 6,739  |
| 1973 | 6,252                 | 13,697                       | 15,470 | 5,396  | 15,174 | 6,321              | 9,263     | 5,850  |
| 1974 | 5,861                 | 15,013                       | 13,020 | 6,261  | 14,736 | 8,405              | 10,676    | 5,219  |
| 1975 | 5,827                 | 13,335                       | 14,721 | 5,861  | 12,924 | 7,929              | 7,911     | 5,505  |
| 1976 | 5,609                 | 13,424                       | 13,630 | 5,622  | 13,193 | 9,193              | 11,602    | 4,534  |
| 1977 | 5,603                 | 14,612                       | 7,171  | 4,722  | 15,727 | 9,451              | 9,064     | 5,032  |
| 1978 | 6,162                 | 14,592                       | 12,509 | 6,004  | 16,854 | 8,755              | 9,779     | 4,752  |
| 1979 | 6,375                 | 16,599                       | 24,259 | 6,092  | 15,407 | 9,880              | 10,160    | 5,190  |
| 1980 | 5,637                 | 16,116                       | 22,578 | 6,028  | 11,274 | 8,889              | 7,122     | 4,239  |
| 1981 | 5,735                 | 16,172                       | 14,539 | 6,688  | 11,165 | 9,507              | 10,596    | 4,657  |
| 1982 | 5,949                 | 16,124                       | 15,303 | 6,236  | 16,355 | 10,451             | 11,058    | 4,898  |
| 1983 | 6,216                 | 15,273                       | 14,036 | 6,564  | 9,492  | 10,116             | 10,830    | 3,889  |
| 1984 | 6,415                 | 16,171                       | 14,836 | 5,542  | 17,523 | 9,790              | 10,346    | 4,935  |
| 1985 | 6,609                 | 16,871                       | 16,071 | 5,116  | 16,592 | 10,040             | 10,363    | 4,795  |
| 1986 | 10,109                | 17,213                       | 9,565  | 6,004  | 16,482 | 10,810             | 9,323     | 4,052  |
| 1987 | 9,365                 | 17,524                       | 22,081 | 5,729  | 15,531 | 10,437             | 8,400     | 3,842  |
| 1988 | 9,698                 | 15,951                       | 23,294 | 4,429  | 15,214 | 11,952             | 10,082    | 4,862  |
| 1989 | 9,443                 | 16,110                       | 16,000 | 4,493  | 15,713 | 11,514             | 9,103     | 4,460  |
| 1990 | 8,912                 | 17,416                       | 19,194 | 6,148  | 16,888 | 10,605             | 10,021    | 4,772  |
| 1991 | 9,064                 | 19,776                       | 24,499 | 6,931  | 17,382 | 11,367             | 12,739    | 5,051  |
| 1992 | 10,154                | 16,571                       | 19,341 | 5,546  | 14,971 | 12,011             | 11,599    | 5,435  |
| 1993 | 10,761                | 15,144                       | 16,208 | 6,871  | 10,272 | 10,815             | 11,040    | 6,380  |
| 1994 | 11,186                | 17,719                       | 21,472 | 6,538  | 15,097 | 9,107              | 11,579    | 6,159  |
| 1995 | 10,653                | 18,139                       | 19,361 | 6,229  | 19,506 | 10,795             | 10,769    | 5,897  |
| 1996 | 12,824                | 17,919                       | 15,285 | 6,586  | 16,391 | 12,249             | 9,342     | 5,708  |
| 1997 | 14,267                | 18,714                       | 18,290 | 5,975  | 16,034 | 11,201             | 10,549    | 6,453  |
| 1998 | 13,907                | 17,778                       | 19,702 | 5,873  | 17,067 | 10,743             | 11,222    | 6,618  |
| 1999 | 14,245                | 19,843                       | 18,979 | 6,377  | 17,647 | 10,743             | 11,273    | 6,791  |
| 2000 | 14,500                | 18,270                       | 18,979 | 5,180  | 17,647 | 10,743             | 11,273    | 7,150  |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

## CUADRO 42.1

### Mundo: Superficie cultivada de maíz

(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                          |           |           | Asia   |                    | Mercosur  |            |
|------|-----------------------|------------------------------|-----------|-----------|--------|--------------------|-----------|------------|
|      |                       | Estados Unidos de<br>América | Canadá    | México    | Japón  | República de Corea | Argentina | Brasil     |
| 1961 | 3,371,032             | 23,323,008                   | 161,912   | 6,287,747 | 43,100 | 23,809             | 2,744,400 | 6,885,740  |
| 1962 | 3,156,619             | 22,551,008                   | 177,776   | 6,371,704 | 42,100 | 25,804             | 2,756,670 | 7,347,881  |
| 1963 | 3,300,388             | 23,968,000                   | 223,586   | 6,963,077 | 38,500 | 31,478             | 2,645,400 | 7,957,633  |
| 1964 | 3,197,958             | 22,407,008                   | 265,065   | 7,460,627 | 35,600 | 42,891             | 2,970,500 | 8,105,894  |
| 1965 | 3,083,225             | 22,416,032                   | 301,891   | 7,718,371 | 30,100 | 49,399             | 3,062,300 | 8,771,318  |
| 1966 | 3,153,735             | 23,067,568                   | 326,415   | 8,286,935 | 26,100 | 42,391             | 3,274,500 | 8,703,169  |
| 1967 | 3,183,232             | 24,561,648                   | 354,540   | 7,610,932 | 21,400 | 49,986             | 3,450,500 | 9,274,321  |
| 1968 | 3,253,218             | 22,653,984                   | 390,233   | 7,675,845 | 18,000 | 42,119             | 3,377,700 | 9,584,386  |
| 1969 | 3,476,231             | 22,085,008                   | 399,500   | 7,103,509 | 14,600 | 44,339             | 3,556,000 | 9,653,757  |
| 1970 | 3,872,918             | 23,211,632                   | 499,294   | 7,439,684 | 11,900 | 46,618             | 4,017,330 | 9,858,108  |
| 1971 | 3,964,020             | 25,949,296                   | 570,639   | 7,691,656 | 10,000 | 39,863             | 4,066,000 | 10,550,489 |
| 1972 | 4,164,488             | 23,274,368                   | 537,010   | 7,292,180 | 8,000  | 35,343             | 3,147,200 | 10,538,943 |
| 1973 | 4,135,273             | 25,148,032                   | 530,131   | 7,606,341 | 6,000  | 36,172             | 3,565,400 | 9,923,570  |
| 1974 | 4,072,025             | 26,468,096                   | 590,833   | 6,717,234 | 5,340  | 35,165             | 3,486,000 | 10,672,450 |
| 1975 | 4,111,882             | 27,366,480                   | 634,943   | 6,694,267 | 5,210  | 31,589             | 3,070,000 | 10,854,687 |
| 1976 | 3,482,102             | 28,937,056                   | 709,000   | 6,783,184 | 4,200  | 30,054             | 2,765,900 | 11,117,570 |
| 1977 | 3,804,793             | 28,980,752                   | 736,100   | 7,469,649 | 3,090  | 30,186             | 2,532,000 | 11,797,411 |
| 1978 | 3,977,332             | 29,109,344                   | 851,850   | 7,191,128 | 2,400  | 30,863             | 2,660,000 | 11,124,827 |
| 1979 | 4,226,565             | 29,298,800                   | 952,600   | 5,581,158 | 1,930  | 32,486             | 2,800,000 | 11,318,885 |
| 1980 | 3,956,488             | 29,525,904                   | 1,022,200 | 6,776,479 | 1,760  | 35,322             | 2,490,000 | 11,451,293 |
| 1981 | 3,778,324             | 30,158,400                   | 1,140,900 | 7,668,692 | 1,400  | 33,161             | 3,394,000 | 11,520,336 |
| 1982 | 3,909,954             | 29,427,904                   | 1,109,000 | 5,629,549 | 1,010  | 28,414             | 3,170,000 | 12,619,531 |
| 1983 | 3,889,826             | 20,834,000                   | 1,074,900 | 7,421,317 | 783    | 27,252             | 2,970,000 | 10,705,979 |
| 1984 | 4,025,076             | 29,095,008                   | 1,149,300 | 6,892,682 | 744    | 30,040             | 3,024,800 | 12,018,446 |
| 1985 | 4,197,914             | 30,436,000                   | 1,123,400 | 7,589,537 | 634    | 26,136             | 3,340,000 | 11,798,349 |
| 1986 | 4,148,730             | 27,885,008                   | 993,800   | 6,470,501 | 502    | 23,645             | 3,231,000 | 12,460,130 |
| 1987 | 3,986,108             | 24,080,000                   | 999,300   | 6,804,274 | 420    | 26,270             | 2,900,000 | 13,499,440 |
| 1988 | 4,323,076             | 23,573,008                   | 981,400   | 6,502,674 | 332    | 22,060             | 2,437,500 | 13,181,990 |
| 1989 | 4,124,015             | 26,216,000                   | 1,034,600 | 6,469,702 | 312    | 24,727             | 1,683,700 | 12,918,980 |
| 1990 | 3,664,794             | 27,094,800                   | 1,030,000 | 7,338,872 | 317    | 25,987             | 1,560,330 | 11,390,650 |
| 1991 | 4,036,707             | 27,851,000                   | 1,104,800 | 6,946,831 | 309    | 21,874             | 1,900,100 | 13,109,840 |
| 1992 | 3,994,855             | 29,168,800                   | 857,700   | 7,219,352 | 278    | 21,000             | 2,365,440 | 13,388,950 |
| 1993 | 3,951,347             | 25,468,000                   | 1,012,000 | 7,428,220 | 200    | 19,622             | 2,503,010 | 11,868,033 |
| 1994 | 3,846,715             | 29,345,000                   | 973,000   | 8,193,968 | 169    | 21,667             | 2,445,040 | 13,747,739 |
| 1995 | 3,824,296             | 26,389,000                   | 1,003,500 | 8,020,392 | 120    | 17,541             | 2,522,000 | 13,960,016 |
| 1996 | 4,179,897             | 29,398,000                   | 1,090,000 | 8,050,931 | 102    | 17,908             | 2,603,720 | 13,415,354 |
| 1997 | 4,352,551             | 29,409,000                   | 1,045,100 | 7,406,061 | 109    | 21,097             | 3,410,000 | 12,562,100 |
| 1998 | 4,182,732             | 29,376,000                   | 1,118,000 | 7,876,819 | 94     | 20,140             | 3,186,000 | 10,605,252 |
| 1999 | 4,177,580             | 28,545,600                   | 1,140,800 | 7,152,829 | 75     | 20,000             | 2,605,000 | 11,608,700 |
| 2000 | 4,313,000             | 29,566,000                   | 120,000   | 8,661,378 | 75     | 20,000             | 2,967,000 | 11,856,900 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

## CUADRO 42.2

### Mundo: Rendimiento de maíz

(Hectogramos por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |         |        | Asia   |                    | Mercosur  |        |
|------|-----------------------|------------------------------|---------|--------|--------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá  | México | Japón  | República de Corea | Argentina | Brasil |
| 1961 | 25,425                | 39,184                       | 45,822  | 9,934  | 26,914 | 6,788              | 17,672    | 13,123 |
| 1962 | 22,488                | 40,621                       | 47,721  | 9,946  | 24,608 | 6,796              | 18,936    | 13,048 |
| 1963 | 29,581                | 42,596                       | 41,108  | 9,867  | 26,883 | 6,493              | 16,481    | 13,092 |
| 1964 | 26,287                | 39,498                       | 50,636  | 11,332 | 23,539 | 8,093              | 18,010    | 11,606 |
| 1965 | 28,937                | 46,492                       | 50,061  | 11,578 | 25,017 | 8,085              | 16,785    | 13,809 |
| 1966 | 32,626                | 45,892                       | 51,615  | 11,188 | 24,253 | 9,436              | 21,499    | 13,066 |
| 1967 | 33,492                | 50,265                       | 53,110  | 11,304 | 28,458 | 6,802              | 24,663    | 13,828 |
| 1968 | 38,379                | 49,891                       | 53,209  | 11,806 | 28,556 | 14,245             | 19,422    | 13,369 |
| 1969 | 39,911                | 53,908                       | 47,131  | 11,840 | 27,192 | 14,114             | 19,291    | 13,149 |
| 1970 | 42,297                | 45,439                       | 52,748  | 11,935 | 27,647 | 13,514             | 23,299    | 14,421 |
| 1971 | 45,527                | 55,270                       | 51,625  | 12,723 | 25,000 | 16,090             | 24,422    | 13,393 |
| 1972 | 41,827                | 60,897                       | 47,082  | 12,648 | 28,750 | 18,108             | 18,620    | 14,130 |
| 1973 | 49,551                | 57,278                       | 52,881  | 11,318 | 28,333 | 14,929             | 27,206    | 14,295 |
| 1974 | 44,398                | 45,119                       | 44,339  | 11,683 | 24,906 | 17,347             | 28,399    | 15,248 |
| 1975 | 43,328                | 54,213                       | 57,405  | 12,621 | 26,871 | 17,153             | 25,081    | 15,048 |
| 1976 | 42,727                | 55,206                       | 53,025  | 11,819 | 26,190 | 23,167             | 21,169    | 15,967 |
| 1977 | 51,410                | 57,015                       | 57,729  | 13,572 | 26,311 | 27,398             | 32,780    | 16,322 |
| 1978 | 51,577                | 63,421                       | 52,586  | 15,199 | 29,167 | 32,462             | 36,466    | 12,197 |
| 1979 | 52,457                | 68,734                       | 55,386  | 15,154 | 25,907 | 45,866             | 31,071    | 14,406 |
| 1980 | 55,188                | 57,118                       | 56,283  | 18,261 | 19,886 | 43,619             | 25,703    | 17,790 |
| 1981 | 60,026                | 68,380                       | 58,573  | 18,240 | 22,500 | 43,829             | 38,008    | 18,330 |
| 1982 | 61,884                | 71,082                       | 58,812  | 17,976 | 20,297 | 41,194             | 30,284    | 17,308 |
| 1983 | 60,865                | 50,893                       | 55,177  | 17,770 | 13,627 | 36,928             | 30,303    | 17,496 |
| 1984 | 62,109                | 66,980                       | 58,971  | 18,554 | 21,102 | 44,407             | 31,407    | 17,610 |
| 1985 | 65,804                | 74,074                       | 62,043  | 18,583 | 24,606 | 50,417             | 35,629    | 18,662 |
| 1986 | 65,539                | 74,930                       | 59,484  | 18,406 | 19,920 | 47,904             | 37,450    | 16,486 |
| 1987 | 69,676                | 75,225                       | 70,197  | 17,058 | 23,810 | 48,493             | 31,897    | 19,843 |
| 1988 | 71,215                | 53,109                       | 54,710  | 16,289 | 24,096 | 47,987             | 37,744    | 18,775 |
| 1989 | 70,464                | 72,978                       | 63,512  | 16,929 | 25,641 | 48,784             | 29,103    | 20,582 |
| 1990 | 66,076                | 74,380                       | 68,602  | 19,942 | 25,237 | 46,126             | 34,608    | 18,736 |
| 1991 | 71,621                | 68,172                       | 67,098  | 20,515 | 25,890 | 34,107             | 40,444    | 18,108 |
| 1992 | 78,060                | 82,526                       | 57,561  | 23,450 | 25,180 | 43,906             | 45,237    | 22,822 |
| 1993 | 80,235                | 63,211                       | 66,749  | 24,401 | 25,000 | 41,844             | 43,552    | 25,282 |
| 1994 | 76,924                | 86,997                       | 73,895  | 22,255 | 24,852 | 40,882             | 42,371    | 23,631 |
| 1995 | 79,409                | 71,230                       | 72,556  | 22,883 | 25,000 | 42,452             | 45,218    | 25,985 |
| 1996 | 84,891                | 79,777                       | 69,193  | 22,387 | 24,510 | 40,299             | 40,396    | 23,991 |
| 1997 | 90,490                | 79,522                       | 68,702  | 23,840 | 24,771 | 41,126             | 45,560    | 26,228 |
| 1998 | 86,908                | 84,382                       | 80,072  | 23,429 | 24,468 | 39,823             | 60,766    | 27,811 |
| 1999 | 90,575                | 83,978                       | 79,736  | 25,604 | 24,000 | 41,000             | 51,823    | 27,598 |
| 2000 | 88,967                | 89,027                       | 708,333 | 21,660 | 24,000 | 41,000             | 49,545    | 27,457 |

Fuente: Elaborado por el CEFPI de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000

**SECTOR AGROPECUARIO**

CUADRO 43.1

**Mundo: Superficie cultivada de ajonjolí**

(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                          |         | Asia  |                       | Brasil |
|------|-----------------------|------------------------------|---------|-------|-----------------------|--------|
|      |                       | Estados Unidos de<br>América | México  | Japón | República de<br>Corea |        |
| 1961 | 23,670                | 2,480                        | 216,670 | 7,870 | 7,185                 | 5,200  |
| 1962 | 18,665                | 900                          | 238,270 | 7,530 | 7,990                 | 8,000  |
| 1963 | 31,647                | 1,100                        | 250,677 | 7,040 | 7,618                 | 2,600  |
| 1964 | 23,447                | 750                          | 261,276 | 6,610 | 9,087                 | 5,200  |
| 1965 | 13,520                | 0                            | 267,234 | 5,960 | 10,233                | 6,000  |
| 1966 | 18,163                | 0                            | 252,109 | 5,510 | 11,305                | 1,700  |
| 1967 | 18,566                | 0                            | 270,764 | 4,700 | 13,547                | 8,700  |
| 1968 | 14,840                | 0                            | 258,991 | 1,700 | 13,599                | 1,700  |
| 1969 | 11,655                | 0                            | 264,070 | 590   | 17,436                | 2,600  |
| 1970 | 19,542                | 0                            | 273,768 | 1,000 | 25,773                | 7,000  |
| 1971 | 15,948                | 0                            | 281,172 | 660   | 27,672                | 6,000  |
| 1972 | 13,744                | 0                            | 276,495 | 510   | 30,539                | 4,500  |
| 1973 | 11,391                | 0                            | 255,166 | 390   | 35,070                | 4,500  |
| 1974 | 6,669                 | 0                            | 240,257 | 500   | 36,974                | 4,500  |
| 1975 | 6,803                 | 0                            | 218,660 | 500   | 52,166                | 4,500  |
| 1976 | 6,471                 | 0                            | 197,959 | 500   | 65,241                | 4,500  |
| 1977 | 4,193                 | 0                            | 204,701 | 500   | 57,619                | 4,500  |
| 1978 | 2,948                 | 0                            | 243,760 | 500   | 70,475                | 5,000  |
| 1979 | 3,557                 | 0                            | 307,175 | 500   | 63,594                | 5,000  |
| 1980 | 5,027                 | 0                            | 263,999 | 500   | 48,685                | 5,000  |
| 1981 | 2,981                 | 0                            | 143,483 | 500   | 37,513                | 5,000  |
| 1982 | 2,222                 | 0                            | 91,043  | 500   | 62,256                | 5,000  |
| 1983 | 1,957                 | 0                            | 165,529 | 500   | 74,678                | 5,000  |
| 1984 | 1,306                 | 0                            | 132,760 | 417   | 72,772                | 5,000  |
| 1985 | 1,136                 | 0                            | 142,031 | 457   | 73,355                | 5,000  |
| 1986 | 1,055                 | 0                            | 111,891 | 419   | 88,423                | 5,000  |
| 1987 | 1,008                 | 0                            | 96,959  | 471   | 94,289                | 5,000  |
| 1988 | 835                   | 0                            | 81,734  | 550   | 78,364                | 7,000  |
| 1989 | 587                   | 0                            | 79,032  | 370   | 64,896                | 20,000 |
| 1990 | 393                   | 0                            | 110,432 | 200   | 58,347                | 20,000 |
| 1991 | 463                   | 0                            | 72,104  | 0     | 57,717                | 20,000 |
| 1992 | 409                   | 0                            | 42,981  | 0     | 46,331                | 20,000 |
| 1993 | 423                   | 0                            | 35,471  | 0     | 46,369                | 21,000 |
| 1994 | 335                   | 0                            | 18,897  | 0     | 40,834                | 22,000 |
| 1995 | 235                   | 0                            | 36,682  | 0     | 52,263                | 22,000 |
| 1996 | 200                   | 0                            | 80,322  | 0     | 42,373                | 22,000 |
| 1997 | 200                   | 0                            | 43,028  | 0     | 48,823                | 22,000 |
| 1998 | 189                   | 0                            | 57,763  | 0     | 52,814                | 22,000 |
| 1999 | 200                   | 0                            | 54,242  | 0     | 49,379                | 24,000 |
| 2000 | 200                   | 0                            | 66,475  | 0     | 49,379                | 24,000 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 43.2  
Mundo: Rendimiento de ajonjolí  
(Hectogramos por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        | Asia  |                    | Brasil |
|------|-----------------------|------------------------------|--------|-------|--------------------|--------|
|      |                       | Estados Unidos de<br>América | México | Japón | República de Corea |        |
| 1961 | 3,312                 | 5,488                        | 6,776  | 6,379 | 3,942              | 5,769  |
| 1962 | 3,085                 | 5,556                        | 6,625  | 6,494 | 3,834              | 5,625  |
| 1963 | 3,897                 | 5,455                        | 6,752  | 6,619 | 3,900              | 5,769  |
| 1964 | 3,766                 | 5,333                        | 6,571  | 6,445 | 4,202              | 5,769  |
| 1965 | 3,978                 | 0                            | 5,778  | 6,326 | 4,069              | 5,833  |
| 1966 | 3,817                 | 0                            | 6,611  | 6,243 | 4,628              | 5,882  |
| 1967 | 4,105                 | 0                            | 5,736  | 6,170 | 4,517              | 5,747  |
| 1968 | 3,317                 | 0                            | 6,142  | 5,882 | 4,807              | 5,882  |
| 1969 | 3,681                 | 0                            | 6,626  | 5,932 | 4,421              | 5,769  |
| 1970 | 3,863                 | 0                            | 6,555  | 5,700 | 4,030              | 5,714  |
| 1971 | 4,150                 | 0                            | 6,412  | 6,818 | 4,840              | 5,833  |
| 1972 | 3,935                 | 0                            | 5,807  | 6,471 | 4,695              | 5,556  |
| 1973 | 3,950                 | 0                            | 6,982  | 6,154 | 4,814              | 5,556  |
| 1974 | 4,290                 | 0                            | 6,654  | 6,000 | 4,565              | 5,556  |
| 1975 | 4,627                 | 0                            | 5,064  | 6,000 | 4,818              | 5,556  |
| 1976 | 3,712                 | 0                            | 4,283  | 6,000 | 5,448              | 5,556  |
| 1977 | 4,615                 | 0                            | 5,927  | 6,000 | 5,198              | 5,556  |
| 1978 | 4,376                 | 0                            | 5,494  | 6,000 | 4,541              | 6,000  |
| 1979 | 4,636                 | 0                            | 5,661  | 6,000 | 3,344              | 6,000  |
| 1980 | 4,440                 | 0                            | 5,176  | 6,000 | 1,453              | 6,000  |
| 1981 | 5,944                 | 0                            | 4,696  | 5,600 | 3,700              | 6,000  |
| 1982 | 4,842                 | 0                            | 4,039  | 5,600 | 3,305              | 6,000  |
| 1983 | 5,013                 | 0                            | 5,242  | 5,600 | 4,973              | 6,000  |
| 1984 | 5,582                 | 0                            | 4,739  | 5,995 | 5,731              | 6,000  |
| 1985 | 9,419                 | 0                            | 5,253  | 4,814 | 5,563              | 6,000  |
| 1986 | 5,791                 | 0                            | 5,623  | 4,988 | 5,456              | 6,000  |
| 1987 | 5,446                 | 0                            | 5,455  | 5,817 | 4,593              | 6,000  |
| 1988 | 8,563                 | 0                            | 4,279  | 5,455 | 6,681              | 5,714  |
| 1989 | 5,468                 | 0                            | 5,818  | 5,405 | 6,122              | 6,000  |
| 1990 | 5,318                 | 0                            | 5,421  | 5,000 | 6,525              | 6,000  |
| 1991 | 5,162                 | 0                            | 5,131  | 0     | 5,157              | 6,000  |
| 1992 | 6,944                 | 0                            | 5,299  | 0     | 6,275              | 6,500  |
| 1993 | 5,650                 | 0                            | 6,382  | 0     | 3,509              | 6,190  |
| 1994 | 7,224                 | 0                            | 4,690  | 0     | 6,841              | 5,909  |
| 1995 | 6,298                 | 0                            | 5,747  | 0     | 6,096              | 5,909  |
| 1996 | 7,500                 | 0                            | 5,901  | 0     | 6,931              | 5,909  |
| 1997 | 6,300                 | 0                            | 4,989  | 0     | 6,840              | 5,909  |
| 1998 | 6,508                 | 0                            | 5,480  | 0     | 5,250              | 5,909  |
| 1999 | 6,150                 | 0                            | 5,811  | 0     | 4,880              | 6,250  |
| 2000 | 6,150                 | 0                            | 5930   | 0     | 4880               | 6,250  |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000



# SECTOR AGROPECUARIO

CUADRO 44.1

## Mundo: Superficie cultivada de semilla de algodón

(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                       |         | República de Corea | Mercosur  |           |
|------|-----------------------|---------------------------|---------|--------------------|-----------|-----------|
|      |                       | Estados Unidos de América | México  |                    | Argentina | Brasil    |
| 1961 | 557,255               | 6,327,000                 | 793,964 | 48,133             | 499,200   | 2,023,000 |
| 1962 | 646,184               | 6,300,462                 | 787,025 | 52,289             | 537,200   | 2,226,000 |
| 1963 | 511,960               | 5,751,000                 | 846,580 | 25,122             | 519,100   | 2,226,000 |
| 1964 | 353,079               | 5,688,000                 | 808,690 | 22,978             | 519,600   | 2,327,000 |
| 1965 | 347,419               | 5,508,787                 | 813,318 | 19,065             | 533,500   | 2,327,000 |
| 1966 | 377,740               | 3,865,503                 | 695,379 | 18,671             | 440,700   | 2,226,000 |
| 1967 | 289,356               | 3,236,226                 | 662,018 | 17,309             | 330,000   | 3,719,805 |
| 1968 | 284,535               | 4,111,549                 | 705,335 | 16,443             | 282,000   | 3,902,238 |
| 1969 | 314,704               | 4,472,159                 | 513,224 | 16,837             | 405,900   | 4,194,676 |
| 1970 | 238,578               | 4,514,205                 | 411,172 | 16,010             | 452,100   | 4,298,573 |
| 1971 | 222,553               | 4,642,084                 | 457,799 | 13,786             | 366,770   | 4,459,626 |
| 1972 | 300,200               | 5,254,365                 | 523,426 | 13,031             | 398,400   | 4,200,000 |
| 1973 | 250,059               | 4,844,020                 | 425,134 | 13,532             | 457,100   | 4,318,609 |
| 1974 | 259,952               | 5,077,358                 | 578,322 | 10,548             | 474,000   | 3,630,858 |
| 1975 | 205,052               | 3,559,565                 | 226,783 | 6,142              | 505,000   | 3,876,389 |
| 1976 | 208,737               | 4,416,475                 | 234,981 | 6,648              | 413,600   | 3,409,185 |
| 1977 | 263,733               | 5,372,248                 | 419,630 | 6,107              | 518,000   | 4,096,970 |
| 1978 | 206,042               | 5,018,030                 | 349,767 | 6,532              | 607,000   | 3,951,040 |
| 1979 | 187,330               | 5,192,408                 | 374,878 | 8,163              | 669,000   | 3,646,145 |
| 1980 | 207,999               | 5,347,800                 | 355,330 | 8,664              | 567,500   | 3,699,495 |
| 1981 | 205,594               | 5,601,300                 | 349,210 | 4,808              | 282,000   | 3,510,972 |
| 1982 | 188,738               | 3,939,100                 | 170,277 | 3,802              | 399,400   | 3,624,217 |
| 1983 | 214,190               | 2,973,460                 | 212,744 | 3,386              | 343,400   | 2,926,496 |
| 1984 | 267,369               | 4,200,000                 | 289,108 | 2,550              | 469,700   | 3,114,117 |
| 1985 | 299,983               | 4,139,600                 | 197,461 | 1,894              | 447,000   | 3,590,180 |
| 1986 | 307,660               | 3,427,000                 | 164,502 | 1,067              | 338,800   | 3,159,547 |
| 1987 | 300,160               | 4,059,000                 | 224,256 | 606                | 273,250   | 1,972,665 |
| 1988 | 395,645               | 4,835,000                 | 298,059 | 642                | 492,100   | 2,557,637 |
| 1989 | 342,852               | 3,860,600                 | 177,895 | 600                | 501,500   | 2,112,124 |
| 1990 | 342,947               | 4,748,000                 | 219,772 | 550                | 544,900   | 1,895,363 |
| 1991 | 313,541               | 5,245,000                 | 248,677 | 500                | 538,500   | 1,829,504 |
| 1992 | 383,467               | 4,510,000                 | 46,195  | 400                | 529,100   | 1,877,848 |
| 1993 | 377,911               | 5,173,000                 | 39,765  | 0                  | 302,080   | 1,059,739 |
| 1994 | 408,239               | 5,391,400                 | 168,879 | 0                  | 484,000   | 1,181,371 |
| 1995 | 472,342               | 6,478,000                 | 274,617 | 0                  | 680,000   | 1,192,208 |
| 1996 | 497,538               | 5,125,550                 | 306,984 | 0                  | 969,000   | 855,748   |
| 1997 | 519,759               | 5,425,000                 | 207,065 | 0                  | 888,000   | 632,563   |
| 1998 | 521,039               | 4,323,550                 | 245,278 | 0                  | 878,000   | 839,076   |
| 1999 | 532,900               | 5,432,900                 | 144,906 | 0                  | 640,000   | 671,630   |
| 2000 | 518,200               | 5,715,400                 | 139,699 | 0                  | 326,000   | 825,712   |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 44.2

## Mundo: Rendimiento de semilla de algodón

(Hectogramos por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        | República de Corea | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | México |                    | Argentina | Brasil |
| 1961 | 11,128                | 13,486                       | 15,001 | 5,787              | 7,875     | 6,307  |
| 1962 | 9,602                 | 13,963                       | 16,340 | 3,374              | 6,348     | 7,345  |
| 1963 | 11,796                | 15,557                       | 16,750 | 4,767              | 8,447     | 6,608  |
| 1964 | 13,105                | 15,744                       | 18,524 | 5,537              | 6,490     | 6,536  |
| 1965 | 14,068                | 15,933                       | 19,242 | 6,198              | 8,566     | 5,832  |
| 1966 | 14,144                | 14,675                       | 19,845 | 7,341              | 8,400     | 7,345  |
| 1967 | 16,930                | 14,006                       | 19,788 | 6,852              | 8,176     | 4,549  |
| 1968 | 16,215                | 16,022                       | 22,117 | 7,705              | 8,156     | 5,124  |
| 1969 | 16,616                | 13,115                       | 20,381 | 8,047              | 9,029     | 5,032  |
| 1970 | 20,568                | 13,091                       | 21,645 | 8,333              | 10,135    | 4,548  |
| 1971 | 21,915                | 13,200                       | 22,455 | 8,743              | 7,771     | 4,827  |
| 1972 | 19,147                | 14,990                       | 20,824 | 8,751              | 7,334     | 4,570  |
| 1973 | 20,085                | 15,225                       | 23,287 | 8,592              | 9,276     | 5,264  |
| 1974 | 20,545                | 13,006                       | 23,170 | 8,744              | 8,827     | 5,395  |
| 1975 | 25,685                | 13,279                       | 23,997 | 9,116              | 10,713    | 4,510  |
| 1976 | 21,856                | 13,683                       | 24,806 | 8,735              | 10,759    | 3,702  |
| 1977 | 19,787                | 15,155                       | 28,523 | 8,837              | 10,077    | 4,638  |
| 1978 | 24,546                | 12,428                       | 29,932 | 8,723              | 11,763    | 3,974  |
| 1979 | 24,156                | 16,230                       | 27,652 | 9,478              | 8,559     | 4,488  |
| 1980 | 26,330                | 12,113                       | 30,535 | 8,416              | 8,553     | 4,530  |
| 1981 | 28,729                | 16,442                       | 27,853 | 8,808              | 9,408     | 4,932  |
| 1982 | 24,761                | 17,537                       | 31,360 | 9,056              | 12,293    | 5,320  |
| 1983 | 24,641                | 15,075                       | 30,490 | 8,963              | 10,871    | 5,462  |
| 1984 | 22,363                | 17,851                       | 28,630 | 9,925              | 12,987    | 6,936  |
| 1985 | 23,419                | 18,632                       | 30,702 | 10,011             | 11,993    | 7,957  |
| 1986 | 28,913                | 16,245                       | 24,926 | 10,384             | 11,116    | 7,325  |
| 1987 | 27,728                | 20,812                       | 33,545 | 9,274              | 11,813    | 8,478  |
| 1988 | 26,716                | 18,312                       | 27,073 | 9,720              | 17,261    | 9,912  |
| 1989 | 29,252                | 17,868                       | 26,259 | 9,750              | 12,350    | 8,732  |
| 1990 | 27,103                | 18,512                       | 25,178 | 9,818              | 16,938    | 9,564  |
| 1991 | 27,251                | 19,291                       | 22,466 | 9,600              | 14,659    | 11,349 |
| 1992 | 25,909                | 20,361                       | 19,831 | 9,750              | 12,322    | 10,039 |
| 1993 | 28,775                | 17,912                       | 19,123 | 0                  | 14,273    | 10,713 |
| 1994 | 33,292                | 20,735                       | 20,139 | 0                  | 14,583    | 11,573 |
| 1995 | 30,215                | 15,607                       | 22,767 | 0                  | 16,508    | 12,171 |
| 1996 | 25,654                | 20,689                       | 24,928 | 0                  | 13,901    | 11,815 |
| 1997 | 28,734                | 19,137                       | 30,530 | 0                  | 11,599    | 13,009 |
| 1998 | 28,990                | 18,265                       | 28,759 | 0                  | 11,241    | 14,036 |
| 1999 | 29,968                | 17,409                       | 29,258 | 0                  | 9,656     | 21,214 |
| 2000 | 28,773                | 17,895                       | 27,968 | 0                  | 13,589    | 21,814 |

Fuente: Elaborado por el CEFPA de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 45.1  
Mundo: Superficie de cártamo  
(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                          |         | Argentina |
|------|-----------------------|------------------------------|---------|-----------|
|      |                       | Estados Unidos de<br>América | México  |           |
| 1961 | 45000                 | 169966                       | 32861   | 0         |
| 1962 | 45,000                | 216,908                      | 36,826  | 0         |
| 1963 | 45,000                | 229,858                      | 36,326  | 0         |
| 1964 | 45,000                | 149,327                      | 35,597  | 0         |
| 1965 | 45,000                | 116,548                      | 58,805  | 0         |
| 1966 | 55,000                | 142,447                      | 164,933 | 0         |
| 1967 | 70,085                | 125,855                      | 100,314 | 0         |
| 1968 | 54,602                | 68,976                       | 85,748  | 10        |
| 1969 | 10,751                | 92,267                       | 144,782 | 15        |
| 1970 | 14,268                | 86,602                       | 175,391 | 150       |
| 1971 | 48,986                | 97,123                       | 264,932 | 1,850     |
| 1972 | 44,590                | 97,000                       | 198,837 | 4,672     |
| 1973 | 68,305                | 95,000                       | 197,992 | 7,274     |
| 1974 | 56,172                | 90,000                       | 191,654 | 8,200     |
| 1975 | 61,680                | 95,000                       | 363,051 | 3,922     |
| 1976 | 66,325                | 40,000                       | 184,937 | 7,538     |
| 1977 | 42,421                | 80,000                       | 403,713 | 2,700     |
| 1978 | 22,576                | 87,000                       | 429,062 | 2,040     |
| 1979 | 20,205                | 100,000                      | 528,357 | 1,550     |
| 1980 | 23,173                | 58,000                       | 416,250 | 900       |
| 1981 | 13,062                | 51,000                       | 398,820 | 650       |
| 1982 | 22,437                | 61,260                       | 190,140 | 2,320     |
| 1983 | 19,771                | 47,000                       | 348,838 | 9,300     |
| 1984 | 22,236                | 71,000                       | 226,710 | 10,225    |
| 1985 | 20,960                | 78,000                       | 234,004 | 13,960    |
| 1986 | 15,800                | 77,000                       | 206,192 | 7,300     |
| 1987 | 12,464                | 85,237                       | 277,211 | 13,800    |
| 1988 | 7,382                 | 104,000                      | 201,206 | 21,300    |
| 1989 | 6,573                 | 96,500                       | 148,898 | 24,205    |
| 1990 | 1,385                 | 83,000                       | 157,199 | 23,000    |
| 1991 | 391                   | 84,580                       | 93,704  | 20,500    |
| 1992 | 588                   | 124,240                      | 81,102  | 20,000    |
| 1993 | 317                   | 118,570                      | 73,443  | 21,000    |
| 1994 | 260                   | 92,270                       | 57,676  | 12,000    |
| 1995 | 53                    | 95,910                       | 96,795  | 16,000    |
| 1996 | 344                   | 93,080                       | 120,544 | 10,000    |
| 1997 | 188                   | 87,008                       | 93,152  | 20,000    |
| 1998 | 200                   | 115,340                      | 123,140 | 27,000    |
| 1999 | 200                   | 106,030                      | 166,338 | 15,000    |
| 2000 | 200                   | 84,580                       | 103,457 | 34,000    |

Fuente: Elaborado por el CEFPI de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 45.2

## Mundo: Rendimiento de cártamo

(Hectogramos por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        | Argentina |
|------|-----------------------|------------------------------|--------|-----------|
|      |                       | Estados Unidos de<br>América | México |           |
| 1961 | 4,444                 | 9,607                        | 12,597 | 0         |
| 1962 | 4,444                 | 15,851                       | 12,702 | 0         |
| 1963 | 4,444                 | 15,590                       | 12,982 | 0         |
| 1964 | 4,444                 | 16,828                       | 13,245 | 0         |
| 1965 | 4,444                 | 23,274                       | 13,541 | 0         |
| 1966 | 5,455                 | 21,717                       | 14,324 | 0         |
| 1967 | 7,965                 | 20,039                       | 14,858 | 0         |
| 1968 | 7,144                 | 23,542                       | 11,912 | 7,000     |
| 1969 | 5,012                 | 21,336                       | 14,427 | 6,667     |
| 1970 | 5,898                 | 19,636                       | 16,449 | 7,000     |
| 1971 | 7,216                 | 24,472                       | 15,503 | 7,070     |
| 1972 | 5,104                 | 24,093                       | 13,644 | 6,100     |
| 1973 | 4,482                 | 18,851                       | 15,060 | 6,200     |
| 1974 | 4,226                 | 17,778                       | 14,215 | 9,573     |
| 1975 | 4,642                 | 18,947                       | 14,662 | 8,491     |
| 1976 | 5,205                 | 17,250                       | 12,995 | 7,800     |
| 1977 | 3,742                 | 19,875                       | 12,842 | 7,407     |
| 1978 | 8,120                 | 19,310                       | 14,347 | 7,451     |
| 1979 | 7,811                 | 18,500                       | 12,013 | 8,516     |
| 1980 | 9,459                 | 18,103                       | 11,524 | 7,778     |
| 1981 | 3,617                 | 18,039                       | 8,128  | 9,692     |
| 1982 | 6,403                 | 17,658                       | 12,575 | 8,017     |
| 1983 | 6,651                 | 18,085                       | 7,996  | 4,946     |
| 1984 | 6,998                 | 18,113                       | 9,365  | 5,643     |
| 1985 | 8,230                 | 17,372                       | 6,478  | 7,450     |
| 1986 | 8,544                 | 15,532                       | 7,964  | 4,315     |
| 1987 | 8,744                 | 17,246                       | 7,928  | 4,928     |
| 1988 | 8,705                 | 14,423                       | 12,308 | 8,404     |
| 1989 | 8,578                 | 14,508                       | 9,544  | 7,500     |
| 1990 | 10,289                | 14,458                       | 10,139 | 6,900     |
| 1991 | 8,286                 | 13,450                       | 9,410  | 8,049     |
| 1992 | 10,714                | 14,851                       | 5,059  | 8,750     |
| 1993 | 9,527                 | 20,501                       | 8,699  | 7,619     |
| 1994 | 15,308                | 20,971                       | 11,083 | 5,833     |
| 1995 | 9,057                 | 19,839                       | 11,702 | 6,250     |
| 1996 | 18,430                | 20,500                       | 15,064 | 6,000     |
| 1997 | 13,404                | 22,420                       | 17,540 | 6,650     |
| 1998 | 12,500                | 16,204                       | 13,904 | 9,259     |
| 1999 | 12,500                | 17,316                       | 15,796 | 6,533     |
| 2000 | 12,500                | 21,282                       | 10,538 | 9,118     |

Fuente: Elaborado por el CEFPA de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, Italia, Noviembre 2000

**SECTOR AGROPECUARIO**

CUADRO 46.1

**Mundo : Superficie cultivada de sorgo**

(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                          |           | Asia  |                    | Mercosur  |         |
|------|-----------------------|------------------------------|-----------|-------|--------------------|-----------|---------|
|      |                       | Estados Unidos de<br>América | México    | Japón | República de Corea | Argentina | Brasil  |
| 1961 | 21,755                | 4,445,000                    | 116,693   | 1,290 | 10,690             | 786,700   | 2       |
| 1962 | 32,964                | 4,683,000                    | 117,637   | 1,110 | 12,880             | 860,800   | 2       |
| 1963 | 54,852                | 5,393,000                    | 197,566   | 910   | 12,706             | 828,000   | 2       |
| 1964 | 65,388                | 4,752,000                    | 276,494   | 790   | 16,040             | 983,760   | 2       |
| 1965 | 61,724                | 5,273,000                    | 314,373   | 583   | 15,365             | 819,700   | 9       |
| 1966 | 85,122                | 5,185,165                    | 575,860   | 350   | 13,733             | 1,123,127 | 900     |
| 1967 | 92,183                | 6,065,344                    | 673,345   | 350   | 11,364             | 1,032,940 | 900     |
| 1968 | 95,839                | 5,621,005                    | 829,719   | 180   | 10,844             | 1,266,180 | 900     |
| 1969 | 117,289               | 5,437,685                    | 883,214   | 0     | 10,743             | 1,456,000 | 900     |
| 1970 | 114,517               | 5,490,698                    | 970,930   | 0     | 9,563              | 2,110,500 | 900     |
| 1971 | 105,083               | 6,532,345                    | 935,785   | 0     | 7,721              | 2,369,400 | 900     |
| 1972 | 130,251               | 5,346,632                    | 1,108,972 | 0     | 7,237              | 1,580,700 | 900     |
| 1973 | 120,173               | 6,353,476                    | 1,184,596 | 0     | 7,665              | 2,270,800 | 146,904 |
| 1974 | 113,309               | 5,588,226                    | 1,155,746 | 0     | 6,389              | 2,433,100 | 110,968 |
| 1975 | 128,786               | 6,233,280                    | 1,445,100 | 0     | 6,332              | 2,010,300 | 86,683  |
| 1976 | 125,564               | 5,854,100                    | 1,251,130 | 0     | 6,445              | 1,902,800 | 121,600 |
| 1977 | 152,514               | 5,583,360                    | 1,413,386 | 0     | 5,926              | 2,461,000 | 177,644 |
| 1978 | 158,269               | 5,426,890                    | 1,399,296 | 0     | 5,311              | 2,344,000 | 104,361 |
| 1979 | 139,922               | 5,220,910                    | 1,163,567 | 0     | 4,130              | 2,122,500 | 71,715  |
| 1980 | 127,124               | 5,063,800                    | 1,543,092 | 0     | 3,856              | 1,279,000 | 78,209  |
| 1981 | 118,788               | 5,534,800                    | 1,684,434 | 0     | 4,257              | 2,100,000 | 92,191  |
| 1982 | 106,633               | 5,721,000                    | 1,284,705 | 0     | 3,297              | 2,510,000 | 122,646 |
| 1983 | 100,017               | 4,047,200                    | 1,528,063 | 0     | 2,806              | 2,520,000 | 136,285 |
| 1984 | 102,156               | 6,214,000                    | 1,635,858 | 0     | 2,704              | 2,370,000 | 170,860 |
| 1985 | 80,584                | 6,791,500                    | 1,862,140 | 0     | 1,361              | 1,965,000 | 170,088 |
| 1986 | 78,384                | 5,608,500                    | 1,535,071 | 0     | 1,487              | 1,280,000 | 191,012 |
| 1987 | 65,490                | 4,261,800                    | 1,855,091 | 0     | 1,750              | 977,000   | 227,237 |
| 1988 | 82,809                | 3,659,000                    | 1,799,700 | 0     | 1,253              | 956,000   | 190,239 |
| 1989 | 115,361               | 4,493,000                    | 1,620,828 | 0     | 1,072              | 641,100   | 161,088 |
| 1990 | 107,376               | 3,678,000                    | 1,817,741 | 0     | 1,418              | 729,135   | 133,425 |
| 1991 | 118,538               | 3,994,000                    | 1,380,912 | 0     | 1,502              | 676,000   | 171,844 |
| 1992 | 140,765               | 4,876,500                    | 1,375,805 | 0     | 707                | 764,000   | 159,106 |
| 1993 | 126,885               | 3,608,200                    | 877,663   | 0     | 516                | 723,450   | 125,007 |
| 1994 | 108,593               | 3,594,000                    | 1,251,830 | 0     | 925                | 612,000   | 152,966 |
| 1995 | 87,817                | 3,340,000                    | 1,372,350 | 0     | 1,141              | 477,000   | 138,984 |
| 1996 | 100,631               | 4,780,000                    | 2,184,720 | 0     | 1,524              | 549,930   | 189,286 |
| 1997 | 110,191               | 3,706,000                    | 1,877,356 | 0     | 1,591              | 678,000   | 274,623 |
| 1998 | 108,841               | 3,125,000                    | 1,953,073 | 0     | 1,154              | 782,000   | 333,835 |
| 1999 | 93,344                | 3,457,700                    | 1,913,440 | 0     | 1,154              | 735,000   | 361,091 |
| 2000 | 102,244               | 3,365,000                    | 2,170,013 | 0     | 1,154              | 719,000   | 489,659 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 46.2

## Mundo: Rendimiento de sorgo

(Hectogramos por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        | Asia   |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | México | Japón  | República de Corea | Argentina | Brasil |
| 1961 | 18,517                | 27,442                       | 24,906 | 12,636 | 4,960              | 18,771    | 0      |
| 1962 | 15,877                | 27,679                       | 25,155 | 12,432 | 4,876              | 18,559    | 0      |
| 1963 | 19,002                | 27,573                       | 20,357 | 12,747 | 4,669              | 14,200    | 0      |
| 1964 | 22,754                | 26,181                       | 19,008 | 11,646 | 4,873              | 15,110    | 0      |
| 1965 | 24,696                | 32,405                       | 23,761 | 11,252 | 4,879              | 12,913    | 22,222 |
| 1966 | 23,778                | 35,026                       | 24,502 | 11,429 | 5,635              | 21,243    | 22,222 |
| 1967 | 23,477                | 31,633                       | 24,751 | 11,429 | 5,666              | 15,659    | 22,222 |
| 1968 | 32,762                | 33,046                       | 25,703 | 11,111 | 6,528              | 16,059    | 22,222 |
| 1969 | 31,540                | 34,097                       | 27,807 | 0      | 6,584              | 17,964    | 22,222 |
| 1970 | 33,972                | 31,605                       | 28,295 | 0      | 6,873              | 19,277    | 22,222 |
| 1971 | 39,940                | 33,752                       | 26,886 | 0      | 7,123              | 20,191    | 22,222 |
| 1972 | 32,684                | 38,071                       | 23,549 | 0      | 6,990              | 15,739    | 27,778 |
| 1973 | 40,813                | 36,910                       | 27,603 | 0      | 7,178              | 22,667    | 16,958 |
| 1974 | 41,407                | 28,305                       | 27,537 | 0      | 7,075              | 24,942    | 21,874 |
| 1975 | 36,813                | 30,740                       | 28,550 | 0      | 7,527              | 24,563    | 23,269 |
| 1976 | 35,706                | 30,842                       | 32,186 | 0      | 7,769              | 27,156    | 22,799 |
| 1977 | 37,422                | 35,528                       | 30,600 | 0      | 8,836              | 27,347    | 24,495 |
| 1978 | 46,233                | 34,228                       | 29,965 | 0      | 8,889              | 31,399    | 21,800 |
| 1979 | 43,639                | 39,283                       | 34,278 | 0      | 9,717              | 29,668    | 17,000 |
| 1980 | 46,034                | 29,061                       | 30,390 | 0      | 10,275             | 23,143    | 23,053 |
| 1981 | 47,959                | 40,195                       | 36,133 | 0      | 11,992             | 35,952    | 23,093 |
| 1982 | 44,799                | 37,077                       | 36,730 | 0      | 11,353             | 31,873    | 18,466 |
| 1983 | 43,738                | 30,598                       | 31,853 | 0      | 10,877             | 32,143    | 17,010 |
| 1984 | 45,394                | 35,410                       | 30,801 | 0      | 11,930             | 29,114    | 18,302 |
| 1985 | 44,961                | 41,899                       | 35,425 | 0      | 11,800             | 31,552    | 15,765 |
| 1986 | 44,907                | 42,521                       | 31,501 | 0      | 12,293             | 31,250    | 18,751 |
| 1987 | 56,296                | 43,558                       | 34,054 | 0      | 13,103             | 30,673    | 19,046 |
| 1988 | 52,706                | 40,033                       | 32,748 | 0      | 12,969             | 33,473    | 15,181 |
| 1989 | 48,648                | 34,792                       | 30,861 | 0      | 14,580             | 23,397    | 14,640 |
| 1990 | 44,484                | 39,592                       | 32,888 | 0      | 13,935             | 28,116    | 17,083 |
| 1991 | 54,843                | 37,196                       | 31,195 | 0      | 13,935             | 33,320    | 14,807 |
| 1992 | 56,461                | 45,579                       | 38,910 | 0      | 12,970             | 36,217    | 17,940 |
| 1993 | 59,755                | 37,605                       | 29,408 | 0      | 13,430             | 39,529    | 20,116 |
| 1994 | 53,324                | 45,637                       | 29,566 | 0      | 12,930             | 35,098    | 19,099 |
| 1995 | 57,017                | 34,880                       | 30,385 | 0      | 13,567             | 34,591    | 17,466 |
| 1996 | 59,166                | 42,262                       | 31,169 | 0      | 14,823             | 38,763    | 17,764 |
| 1997 | 62,015                | 43,424                       | 30,423 | 0      | 14,513             | 36,858    | 19,757 |
| 1998 | 55,005                | 42,262                       | 33,152 | 0      | 13,865             | 48,107    | 17,936 |
| 1999 | 60,228                | 43,723                       | 31,583 | 0      | 13,865             | 43,837    | 15,887 |
| 2000 | 58,595                | 38,953                       | 29,509 | 0      | 13,865             | 44,103    | 16,937 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 47.1

## Mundo : Superficie cultivada de soya

(Hectáreas)

| Año  | Unión Europea<br>(15) | TLC                       |           |         | Asia    |                    | Mercosur  |            |
|------|-----------------------|---------------------------|-----------|---------|---------|--------------------|-----------|------------|
|      |                       | Estados Unidos de América | Canadá    | México  | Japón   | República de Corea | Argentina | Brasil     |
| 1961 | 180                   | 10,928,000                | 85,792    | 9,943   | 290,900 | 290,073            | 980       | 240,919    |
| 1962 | 216                   | 11,172,000                | 89,434    | 27,326  | 268,200 | 287,287            | 9,649     | 313,640    |
| 1963 | 140                   | 11,580,000                | 92,267    | 27,426  | 235,000 | 282,893            | 19,302    | 339,796    |
| 1964 | 150                   | 12,461,000                | 93,481    | 30,629  | 217,100 | 281,167            | 12,220    | 359,622    |
| 1965 | 130                   | 13,941,000                | 107,240   | 27,446  | 184,400 | 310,676            | 16,422    | 431,834    |
| 1966 | 110                   | 14,789,000                | 112,906   | 54,243  | 169,100 | 275,913            | 15,689    | 490,687    |
| 1967 | 110                   | 16,108,287                | 117,357   | 69,881  | 141,600 | 310,504            | 17,290    | 612,115    |
| 1968 | 97                    | 16,750,110                | 119,381   | 132,982 | 122,600 | 313,501            | 20,200    | 721,913    |
| 1969 | 89                    | 16,728,257                | 130,307   | 163,186 | 102,800 | 305,179            | 28,200    | 906,073    |
| 1970 | 2,106                 | 17,097,328                | 135,568   | 111,754 | 95,600  | 295,462            | 25,970    | 1,318,809  |
| 1971 | 1,842                 | 17,281,856                | 148,517   | 128,918 | 100,500 | 275,124            | 36,330    | 1,716,420  |
| 1972 | 2,272                 | 18,486,992                | 163,895   | 221,639 | 89,100  | 281,714            | 68,000    | 2,191,455  |
| 1973 | 8,043                 | 22,527,328                | 190,200   | 311,895 | 88,400  | 311,600            | 157,030   | 3,615,058  |
| 1974 | 29,318                | 20,776,672                | 167,942   | 300,118 | 92,800  | 286,188            | 334,440   | 5,143,367  |
| 1975 | 9,393                 | 21,697,728                | 157,825   | 344,450 | 86,900  | 273,857            | 355,940   | 5,824,492  |
| 1976 | 5,920                 | 19,991,600                | 152,969   | 172,379 | 82,900  | 247,479            | 433,500   | 6,416,368  |
| 1977 | 5,824                 | 23,402,640                | 222,600   | 314,276 | 79,300  | 250,621            | 660,000   | 7,070,263  |
| 1978 | 12,141                | 25,763,776                | 285,299   | 216,514 | 127,000 | 246,932            | 1,150,000 | 7,782,187  |
| 1979 | 23,005                | 28,466,400                | 279,200   | 379,467 | 130,300 | 207,335            | 1,600,000 | 8,256,096  |
| 1980 | 15,757                | 27,442,608                | 277,200   | 154,037 | 142,200 | 188,431            | 2,030,000 | 8,774,023  |
| 1981 | 13,665                | 26,774,800                | 279,200   | 361,778 | 148,800 | 201,722            | 1,880,000 | 8,501,169  |
| 1982 | 15,345                | 28,101,808                | 364,000   | 375,297 | 147,100 | 183,099            | 1,985,600 | 8,203,277  |
| 1983 | 37,067                | 25,302,608                | 364,000   | 391,133 | 143,400 | 182,074            | 2,280,700 | 8,137,112  |
| 1984 | 60,849                | 26,755,008                | 405,000   | 388,696 | 134,300 | 190,103            | 2,910,000 | 9,421,202  |
| 1985 | 123,634               | 24,922,000                | 405,000   | 476,084 | 133,500 | 155,964            | 3,269,000 | 10,153,405 |
| 1986 | 280,849               | 23,590,000                | 384,400   | 380,553 | 138,400 | 133,489            | 3,316,000 | 9,181,587  |
| 1987 | 564,651               | 23,136,000                | 461,000   | 470,695 | 162,700 | 153,794            | 3,532,650 | 9,129,795  |
| 1988 | 539,396               | 23,218,000                | 533,000   | 139,186 | 162,400 | 145,418            | 4,373,200 | 10,518,370 |
| 1989 | 636,777               | 24,033,008                | 539,500   | 490,125 | 151,600 | 157,367            | 3,931,250 | 12,200,560 |
| 1990 | 674,243               | 22,869,008                | 483,600   | 285,615 | 145,900 | 152,265            | 4,918,600 | 11,481,090 |
| 1991 | 471,198               | 23,476,000                | 598,000   | 341,679 | 140,800 | 119,066            | 4,782,500 | 9,618,313  |
| 1992 | 453,106               | 23,566,000                | 622,900   | 322,793 | 109,900 | 104,647            | 4,940,900 | 9,435,691  |
| 1993 | 300,521               | 23,191,000                | 748,000   | 237,765 | 87,400  | 116,825            | 5,116,240 | 10,627,470 |
| 1994 | 362,285               | 24,608,000                | 820,100   | 288,499 | 60,900  | 121,729            | 5,744,200 | 11,514,425 |
| 1995 | 315,876               | 24,906,000                | 824,000   | 134,396 | 68,600  | 105,305            | 5,934,200 | 11,657,575 |
| 1996 | 330,083               | 25,636,000                | 862,000   | 49,064  | 81,800  | 97,989             | 5,913,400 | 10,736,012 |
| 1997 | 421,065               | 27,967,000                | 1,059,600 | 122,548 | 83,200  | 99,862             | 6,393,800 | 11,486,480 |
| 1998 | 491,014               | 28,506,800                | 977,300   | 94,065  | 109,000 | 97,682             | 6,954,000 | 13,259,518 |
| 1999 | 380,355               | 29,330,000                | 999,000   | 81,157  | 108,200 | 98,000             | 8,165,000 | 13,008,000 |
| 2000 | 363,096               | 29,734,000                | 1,086,100 | 70,345  | 108,200 | 98,000             | 8,390,000 | 13,507,900 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 47.2  
Mundo : Rendimiento de soya  
(Hectogramos por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia   |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|--------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón  | República de Corea | Argentina | Brasil |
| 1961 | 19,167                | 16,900                       | 21,033 | 19,850 | 13,472 | 5,683              | 9,765     | 11,269 |
| 1962 | 17,824                | 16,302                       | 20,106 | 20,757 | 12,629 | 5,421              | 11,628    | 11,005 |
| 1963 | 18,214                | 16,432                       | 14,754 | 20,513 | 13,540 | 5,528              | 9,802     | 9,503  |
| 1964 | 18,333                | 15,309                       | 20,310 | 19,657 | 11,059 | 5,792              | 11,457    | 8,478  |
| 1965 | 18,077                | 16,508                       | 20,379 | 21,087 | 12,473 | 5,615              | 10,352    | 12,115 |
| 1966 | 19,455                | 17,087                       | 21,723 | 17,486 | 11,798 | 5,846              | 11,600    | 12,125 |
| 1967 | 20,455                | 16,498                       | 18,764 | 18,749 | 13,460 | 6,488              | 11,857    | 11,691 |
| 1968 | 19,588                | 17,986                       | 20,579 | 20,692 | 13,679 | 7,823              | 10,891    | 9,066  |
| 1969 | 20,337                | 18,435                       | 16,007 | 17,570 | 13,220 | 7,505              | 11,277    | 11,661 |
| 1970 | 15,157                | 17,941                       | 20,848 | 19,203 | 13,190 | 7,852              | 10,320    | 11,439 |
| 1971 | 12,595                | 18,522                       | 18,831 | 19,848 | 12,179 | 8,324              | 16,240    | 12,102 |
| 1972 | 13,121                | 18,706                       | 22,866 | 17,001 | 14,198 | 7,949              | 11,471    | 14,705 |
| 1973 | 17,435                | 18,696                       | 20,848 | 18,772 | 13,371 | 7,889              | 17,322    | 13,863 |
| 1974 | 15,287                | 15,933                       | 16,676 | 16,363 | 14,310 | 11,132             | 14,831    | 15,314 |
| 1975 | 18,456                | 19,421                       | 23,242 | 17,381 | 14,453 | 11,340             | 13,626    | 16,985 |
| 1976 | 15,517                | 17,543                       | 16,368 | 17,548 | 13,209 | 11,918             | 16,032    | 17,498 |
| 1977 | 19,155                | 20,552                       | 26,056 | 16,427 | 13,972 | 12,718             | 21,212    | 17,699 |
| 1978 | 18,036                | 19,741                       | 18,072 | 15,424 | 14,953 | 11,859             | 21,739    | 12,260 |
| 1979 | 15,385                | 21,614                       | 23,532 | 18,635 | 14,712 | 12,399             | 23,125    | 12,403 |
| 1980 | 20,378                | 17,827                       | 24,892 | 20,917 | 12,229 | 11,480             | 17,241    | 17,273 |
| 1981 | 19,124                | 20,331                       | 21,734 | 19,534 | 14,227 | 12,733             | 20,053    | 17,653 |
| 1982 | 22,841                | 21,213                       | 23,297 | 17,306 | 15,384 | 12,745             | 20,900    | 15,647 |
| 1983 | 24,175                | 17,594                       | 20,192 | 17,580 | 15,146 | 12,433             | 17,538    | 17,921 |
| 1984 | 26,304                | 18,930                       | 22,642 | 17,621 | 17,722 | 13,336             | 24,055    | 16,496 |
| 1985 | 28,167                | 22,923                       | 24,988 | 19,505 | 17,101 | 14,995             | 19,884    | 18,002 |
| 1986 | 32,238                | 22,411                       | 24,969 | 18,625 | 17,717 | 14,873             | 21,411    | 14,522 |
| 1987 | 31,993                | 22,794                       | 27,542 | 17,599 | 17,652 | 13,231             | 18,966    | 18,595 |
| 1988 | 30,901                | 18,155                       | 21,625 | 16,265 | 17,050 | 16,465             | 22,638    | 17,124 |
| 1989 | 31,326                | 21,783                       | 22,589 | 20,248 | 17,922 | 15,985             | 16,534    | 19,714 |
| 1990 | 30,866                | 22,920                       | 26,096 | 20,145 | 15,106 | 15,288             | 21,754    | 17,322 |
| 1991 | 34,489                | 23,030                       | 24,415 | 21,218 | 14,013 | 15,384             | 22,736    | 15,531 |
| 1992 | 28,037                | 25,296                       | 23,363 | 18,388 | 17,116 | 16,811             | 22,901    | 20,332 |
| 1993 | 28,582                | 21,942                       | 26,003 | 20,927 | 11,510 | 14,565             | 21,589    | 21,226 |
| 1994 | 29,798                | 27,814                       | 27,484 | 18,114 | 16,223 | 12,682             | 20,395    | 21,636 |
| 1995 | 32,803                | 23,759                       | 27,888 | 14,121 | 17,347 | 15,160             | 20,446    | 22,004 |
| 1996 | 33,235                | 25,270                       | 25,174 | 11,429 | 18,093 | 16,337             | 21,050    | 21,947 |
| 1997 | 34,728                | 26,165                       | 25,840 | 15,057 | 17,380 | 15,671             | 17,204    | 22,976 |
| 1998 | 32,229                | 26,168                       | 27,939 | 15,978 | 14,495 | 14,377             | 26,937    | 23,662 |
| 1999 | 32,526                | 24,524                       | 27,687 | 16,366 | 17,301 | 14,796             | 23,882    | 23,755 |
| 2000 | 35,228                | 26,540                       | 24,860 | 16,274 | 17,301 | 14,796             | 23,170    | 23,502 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000



# SECTOR AGROPECUARIO

CUADRO 48.1

## Mundo: Superficie cultivada de trigo

(Héctáreas)

| Año  | Unión Europea<br>(15) | TLC                       |            |           | Asia    |                    | Mercosur  |           |
|------|-----------------------|---------------------------|------------|-----------|---------|--------------------|-----------|-----------|
|      |                       | Estados Unidos de América | Canadá     | México    | Japón   | República de Corea | Argentina | Brasil    |
| 1961 | 17,929,350            | 20,870,000                | 10,245,000 | 836,538   | 648,700 | 75,915             | 4,420,900 | 1,022,234 |
| 1962 | 19,442,909            | 17,680,000                | 10,853,000 | 747,728   | 642,000 | 81,621             | 3,744,700 | 743,459   |
| 1963 | 18,197,795            | 18,415,008                | 11,156,000 | 819,210   | 583,700 | 83,941             | 5,676,000 | 793,494   |
| 1964 | 19,055,034            | 20,138,000                | 12,018,000 | 818,325   | 508,200 | 89,543             | 6,135,400 | 733,597   |
| 1965 | 19,290,692            | 20,056,000                | 11,453,000 | 858,259   | 475,900 | 92,930             | 4,601,200 | 766,640   |
| 1966 | 18,143,806            | 20,077,392                | 12,015,961 | 730,793   | 421,200 | 93,758             | 5,213,600 | 716,981   |
| 1967 | 18,081,848            | 23,614,288                | 12,189,285 | 778,374   | 366,600 | 92,955             | 5,811,600 | 830,869   |
| 1968 | 18,415,021            | 22,162,304                | 11,907,911 | 790,646   | 322,400 | 96,505             | 5,837,200 | 970,128   |
| 1969 | 17,862,980            | 19,079,040                | 10,101,420 | 841,279   | 286,500 | 93,733             | 5,191,300 | 1,407,115 |
| 1970 | 17,533,681            | 17,629,488                | 5,051,782  | 886,169   | 229,200 | 96,740             | 3,701,000 | 1,895,249 |
| 1971 | 17,537,664            | 19,297,168                | 7,853,503  | 614,180   | 166,300 | 86,649             | 4,294,640 | 2,268,926 |
| 1972 | 17,471,994            | 19,142,576                | 8,639,797  | 686,665   | 113,700 | 62,735             | 4,965,100 | 2,319,955 |
| 1973 | 16,712,007            | 21,912,608                | 9,575,012  | 640,456   | 74,900  | 43,218             | 3,957,900 | 1,839,391 |
| 1974 | 17,316,642            | 26,453,120                | 8,938,000  | 774,149   | 82,800  | 36,477             | 4,233,000 | 2,471,150 |
| 1975 | 16,001,168            | 28,124,848                | 9,478,739  | 778,237   | 89,600  | 43,710             | 5,270,600 | 2,931,508 |
| 1976 | 17,107,094            | 28,702,736                | 11,251,700 | 894,140   | 89,100  | 36,721             | 6,428,000 | 3,539,891 |
| 1977 | 15,515,828            | 26,986,496                | 10,115,400 | 708,863   | 86,000  | 26,515             | 3,910,000 | 3,153,333 |
| 1978 | 16,482,908            | 22,862,960                | 10,575,100 | 759,526   | 112,000 | 17,091             | 4,685,000 | 2,811,189 |
| 1979 | 16,190,667            | 25,274,512                | 10,523,100 | 584,226   | 149,000 | 13,090             | 4,787,000 | 3,830,544 |
| 1980 | 17,091,013            | 28,783,600                | 11,208,400 | 723,804   | 191,100 | 27,868             | 5,023,000 | 3,122,107 |
| 1981 | 16,950,716            | 32,635,008                | 12,426,600 | 859,760   | 224,400 | 19,692             | 5,926,000 | 1,920,142 |
| 1982 | 17,342,592            | 31,540,304                | 12,521,000 | 1,008,056 | 227,800 | 19,656             | 7,320,000 | 2,827,929 |
| 1983 | 17,644,975            | 24,843,296                | 13,680,500 | 857,043   | 229,400 | 26,446             | 7,073,000 | 1,879,078 |
| 1984 | 17,698,152            | 27,085,008                | 13,160,900 | 1,033,854 | 231,900 | 6,411              | 5,901,000 | 1,741,673 |
| 1985 | 16,804,894            | 26,184,000                | 13,729,000 | 1,217,082 | 234,000 | 3,070              | 5,381,000 | 2,676,725 |
| 1986 | 17,271,977            | 24,559,008                | 14,229,400 | 1,202,232 | 245,500 | 1,547              | 4,893,400 | 3,897,719 |
| 1987 | 17,410,972            | 22,646,000                | 13,457,700 | 988,097   | 271,100 | 1,235              | 4,789,100 | 3,454,844 |
| 1988 | 16,853,119            | 21,525,008                | 12,944,300 | 912,762   | 282,000 | 753                | 4,651,315 | 3,476,288 |
| 1989 | 17,723,372            | 25,167,008                | 13,717,500 | 1,144,176 | 283,800 | 364                | 5,285,470 | 3,282,319 |
| 1990 | 17,352,152            | 27,965,000                | 14,097,500 | 932,763   | 260,400 | 294                | 5,797,000 | 2,680,882 |
| 1991 | 17,378,696            | 23,392,000                | 14,160,900 | 983,892   | 238,700 | 178                | 4,546,650 | 1,994,798 |
| 1992 | 17,342,932            | 25,398,800                | 13,830,300 | 915,882   | 214,500 | 164                | 4,254,700 | 1,957,748 |
| 1993 | 15,817,739            | 25,378,900                | 12,374,000 | 877,598   | 183,600 | 547                | 4,777,000 | 1,461,930 |
| 1994 | 15,872,030            | 24,997,000                | 10,773,000 | 964,572   | 151,900 | 582                | 5,221,000 | 1,348,030 |
| 1995 | 16,617,531            | 24,667,000                | 11,122,700 | 929,331   | 151,300 | 2,312              | 4,877,650 | 993,929   |
| 1996 | 16,950,354            | 25,422,000                | 12,262,000 | 809,240   | 158,500 | 2,787              | 7,100,000 | 1,820,084 |
| 1997 | 17,320,258            | 25,430,000                | 11,409,900 | 772,303   | 157,500 | 1,838              | 5,702,000 | 1,521,540 |
| 1998 | 17,192,437            | 23,878,000                | 10,680,000 | 768,844   | 162,200 | 1,372              | 5,337,000 | 1,422,791 |
| 1999 | 17,124,684            | 21,816,000                | 10,366,700 | 638,888   | 168,800 | 1,000              | 5,782,000 | 1,252,970 |
| 2000 | 18,101,405            | 22,033,000                | 10,000,000 | 749,346   | 170,000 | 1,000              | 6,100,000 | 1,068,920 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

# SECTOR AGROPECUARIO

CUADRO 48.2

## Mundo: Rendimiento de trigo

(Hectogramo por hectárea)

| Año  | Unión Europea<br>(15) | TLC                          |        |        | Asia   |                    | Mercosur  |        |
|------|-----------------------|------------------------------|--------|--------|--------|--------------------|-----------|--------|
|      |                       | Estados Unidos de<br>América | Canadá | México | Japón  | República de Corea | Argentina | Brasil |
| 1961 | 19,603                | 16,070                       | 7,529  | 16,758 | 27,455 | 22,657             | 12,950    | 5,330  |
| 1962 | 23,261                | 16,809                       | 14,183 | 19,462 | 25,405 | 20,093             | 15,222    | 9,491  |
| 1963 | 21,080                | 16,949                       | 17,651 | 20,788 | 12,258 | 16,559             | 15,751    | 4,945  |
| 1964 | 23,123                | 17,344                       | 13,604 | 26,922 | 24,479 | 21,219             | 18,353    | 8,765  |
| 1965 | 24,297                | 17,853                       | 15,432 | 25,055 | 27,043 | 19,800             | 13,212    | 7,636  |
| 1966 | 22,654                | 17,688                       | 18,739 | 22,542 | 24,311 | 20,585             | 11,982    | 8,573  |
| 1967 | 27,055                | 17,375                       | 13,239 | 27,267 | 27,193 | 20,548             | 12,595    | 7,574  |
| 1968 | 26,837                | 19,116                       | 14,855 | 26,317 | 31,390 | 21,900             | 9,833     | 8,825  |
| 1969 | 26,225                | 20,580                       | 18,084 | 27,649 | 26,454 | 23,900             | 13,523    | 9,762  |
| 1970 | 25,897                | 20,865                       | 17,864 | 30,202 | 20,663 | 22,600             | 13,294    | 9,731  |
| 1971 | 30,178                | 22,829                       | 18,351 | 29,810 | 26,476 | 22,674             | 12,667    | 8,865  |
| 1972 | 30,513                | 21,983                       | 16,799 | 26,345 | 24,969 | 23,750             | 15,911    | 4,237  |
| 1973 | 31,775                | 21,248                       | 16,876 | 32,646 | 27,009 | 23,080             | 16,574    | 11,044 |
| 1974 | 34,078                | 18,333                       | 14,884 | 36,022 | 27,983 | 20,341             | 14,103    | 11,568 |
| 1975 | 31,717                | 20,582                       | 18,020 | 35,956 | 26,864 | 22,176             | 16,260    | 6,100  |
| 1976 | 30,975                | 20,375                       | 20,963 | 37,615 | 24,961 | 22,227             | 17,113    | 9,084  |
| 1977 | 32,465                | 20,629                       | 19,632 | 34,644 | 27,488 | 16,844             | 13,555    | 6,552  |
| 1978 | 37,150                | 21,136                       | 19,987 | 36,663 | 32,741 | 20,891             | 17,289    | 9,572  |
| 1979 | 36,048                | 22,980                       | 16,341 | 39,138 | 36,329 | 32,070             | 16,921    | 7,641  |
| 1980 | 39,534                | 22,513                       | 17,212 | 38,476 | 30,497 | 32,997             | 15,489    | 8,653  |
| 1981 | 38,035                | 23,229                       | 19,959 | 37,141 | 26,176 | 29,011             | 14,006    | 11,508 |
| 1982 | 40,763                | 23,859                       | 21,336 | 43,563 | 32,564 | 33,482             | 20,492    | 6,460  |
| 1983 | 40,348                | 26,509                       | 19,345 | 40,410 | 30,309 | 42,213             | 18,380    | 11,903 |
| 1984 | 50,983                | 26,073                       | 16,099 | 43,577 | 31,932 | 26,887             | 23,047    | 11,387 |
| 1985 | 46,731                | 25,197                       | 17,665 | 42,843 | 37,359 | 34,257             | 16,168    | 16,140 |
| 1986 | 46,267                | 23,167                       | 22,052 | 39,671 | 35,670 | 29,379             | 17,779    | 14,466 |
| 1987 | 45,492                | 25,330                       | 19,279 | 44,686 | 31,859 | 30,235             | 18,793    | 17,654 |
| 1988 | 48,411                | 22,913                       | 12,293 | 40,154 | 36,206 | 32,842             | 18,360    | 16,528 |
| 1989 | 48,779                | 22,024                       | 18,076 | 38,235 | 34,690 | 30,797             | 18,920    | 16,925 |
| 1990 | 51,279                | 26,567                       | 22,769 | 42,143 | 36,540 | 30,238             | 18,961    | 11,539 |
| 1991 | 54,087                | 23,038                       | 22,559 | 41,272 | 31,797 | 30,955             | 21,739    | 14,645 |
| 1992 | 50,623                | 26,433                       | 21,604 | 39,530 | 35,371 | 33,659             | 23,208    | 14,282 |
| 1993 | 53,137                | 25,699                       | 22,003 | 40,821 | 34,739 | 27,112             | 20,220    | 14,725 |
| 1994 | 53,937                | 25,270                       | 21,275 | 43,034 | 37,182 | 37,045             | 21,655    | 15,522 |
| 1995 | 52,783                | 27,209                       | 22,467 | 37,320 | 29,319 | 44,386             | 19,364    | 15,435 |
| 1996 | 58,833                | 24,388                       | 24,304 | 41,706 | 30,164 | 39,193             | 22,414    | 18,458 |
| 1997 | 54,684                | 26,552                       | 21,280 | 47,347 | 36,387 | 40,441             | 26,307    | 16,359 |
| 1998 | 60,423                | 29,034                       | 22,549 | 42,077 | 35,111 | 34,847             | 22,859    | 15,685 |
| 1999 | 57,047                | 28,723                       | 25,909 | 48,089 | 34,544 | 50,000             | 24,559    | 19,459 |
| 2000 | 57,531                | 28,117                       | 26,200 | 45,990 | 35,294 | 50,000             | 24,590    | 18,575 |

Fuente: Elaborado por el CEFP de la H. Cámara de Diputados de la FAO, Banco de datos FAOSTAT, FAO, Italia, Noviembre 2000

## BALANZA AGROALIMENTARIA

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CUADRO 49.1  
**México: Balanza agroalimentaria 1980-1998**  
(Millones de dólares corrientes)

| Productos                           | 1980    | 1981     | 1982    | 1983    | 1984    | 1985    | 1986    | 1987    | 1988    | 1989     | 1990     | 1991    | 1992     | 1993     | 1994     | 1995    | 1996     | 1997    | 1998     |
|-------------------------------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|----------|----------|---------|----------|----------|----------|---------|----------|---------|----------|
| <b>Importación Total</b>            | 3,195.0 | 3,500.0  | 1,790.0 | 2,228.0 | 2,380.0 | 2,115.0 | 1,429.0 | 1,569.0 | 3,006.0 | 4,017.0  | 4,750.0  | 4,765.5 | 6,194.4  | 5,989.2  | 7,360.5  | 5,259.7 | 7,786.4  | 7,758.2 | 8,703.9  |
| Agricultura y Silvicultura          | 1,884.0 | 2,205.0  | 927.0   | 1,621.0 | 1,696.0 | 1,296.0 | 784.0   | 971.0   | 1,397.0 | 1,747.0  | 1,830.0  | 1,687.4 | 2,402.1  | 2,324.4  | 2,993.4  | 2,478.8 | 4,345.8  | 3,658.9 | 4,280.6  |
| Caucho natural                      | 73.7    | 68.4     | 46.6    | 46.3    | 56.3    | 53.0    | 44.6    | 58.7    | 69.0    | 72.1     | 59.4     | 70.3    | 61.4     | 58.6     | 73.4     | 95.9    | 111.5    | 106.6   | 89.3     |
| Otras semillas y frutas oleaginosas | 126.0   | 148.8    | 202.8   | 138.9   | 239.9   | 212.7   | 147.3   | 114.1   | 127.4   | 140.0    | 157.9    | 234.7   | 222.0    | 251.9    | 289.6    | 298.2   | 440.8    | 393.7   | 467.2    |
| Maíz                                | 595.0   | 453.0    | 38.0    | 634.0   | 375.0   | 255.0   | 166.0   | 284.0   | 394.0   | 441.0    | 435.0    | 179.0   | 183.0    | 67.0     | 369.0    | 373.0   | 1,062.0  | 359.3   | 624.1    |
| Trigo                               | 163.0   | 214.0    | 87.0    | 59.0    | 41.0    | 31.0    | 20.0    | 37.0    | 137.0   | 70.0     | 46.0     | 67.0    | 164.0    | 233.0    | 189.0    | 217.0   | 427.0    | 305.8   | 339.5    |
| Frijol                              | 241.0   | 338.0    | 98.0    | 1.0     | 33.0    | 56.0    | 83.0    | 18.0    | 16.0    | 84.0     | 253.0    | 18.0    | 2.0      | 5.0      | 38.0     | 15.0    | 86.0     | 54.4    | 129.4    |
| Frutas frescas o secas              | nd      | nd       | 11.0    | 1.0     | 2.0     | 6.0     | 5.0     | 6.0     | 10.0    | 37.0     | 45.0     | 78.0    | 111.0    | 184.0    | 328.0    | 133.0   | 145.0    | 176.6   | 220.3    |
| Hortalizas frescas                  | nd      | nd       | 25.0    | 37.0    | 56.0    | 19.0    | 7.0     | 7.0     | 9.0     | 17.0     | 26.0     | 39.0    | 50.0     | 42.0     | 39.0     | 20.0    | 40.0     | 36.8    | 46.6     |
| Soya                                | 132.5   | 355.0    | 155.8   | 217.8   | 403.4   | 275.2   | 167.2   | 219.9   | 376.3   | 326.5    | 217.5    | 348.6   | 512.1    | 523.1    | 640.5    | 542.4   | 897.6    | 1,031.9 | 861.5    |
| Sorgo                               | 312.7   | 431.9    | 194.7   | 433.9   | 363.3   | 264.4   | 78.1    | 61.7    | 138.3   | 321.9    | 351.3    | 361.9   | 542.1    | 380.3    | 394.8    | 254.4   | 331.3    | 265.1   | 348.9    |
| Otros                               | 240.1   | 195.9    | 68.0    | 52.1    | 126.2   | 123.8   | 65.8    | 164.7   | 120.0   | 237.5    | 238.9    | 266.5   | 554.4    | 579.1    | 631.7    | 530.1   | 804.9    | 929.5   | 1,153.8  |
| Ganadería, Apicultura y Pesca       | 141.0   | 217.0    | 172.0   | 80.0    | 184.0   | 311.0   | 154.0   | 138.0   | 376.0   | 256.0    | 241.0    | 443.1   | 456.3    | 308.8    | 378.1    | 164.9   | 324.6    | 512.2   | 492.2    |
| Ganado vacuno                       | nd      | nd       | 40.0    | 36.3    | 37.0    | 128.0   | 66.0    | 33.0    | 182.0   | 87.0     | 71.0     | 183.0   | 200.0    | 95.0     | 141.0    | 23.0    | 92.0     | 194.3   | 148.1    |
| Alimentos y Bebidas                 | 1,170.0 | 1,078.0  | 691.0   | 527.0   | 500.0   | 508.0   | 491.0   | 460.0   | 1,233.0 | 2,014.0  | 2,679.0  | 2,635.0 | 3,336.0  | 3,356.0  | 3,989.0  | 2,616.0 | 3,116.0  | 3,587.1 | 3,931.1  |
| Leche en polvo                      | 135.0   | 110.0    | 81.0    | 107.0   | 85.0    | 102.0   | 117.0   | 135.0   | 240.0   | 470.0    | 555.0    | 108.0   | 371.0    | 407.0    | 265.0    | 267.0   | 368.0    | 336.0   | 251.4    |
| Leche evaporada o condensada        | 51.7    | 116.1    | 64.1    | 3.6     | 3.7     | 6.1     | 4.9     | 2.0     | 1.1     | 1.0      | 2.0      | 1.0     | 2.4      | 1.9      | 3.9      | 1.0     | 1.5      | 1.9     | 2.9      |
| Azúcar                              | 546.0   | 360.0    | 141.0   | 187.0   | 73.0    | 82.0    | 6.0     | 194.0   | 1.0     | 177.0    | 443.0    | 262.0   | 37.0     | 22.0     | 28.0     | 17.0    | 95.0     | 22.5    | 11.6     |
| Carne fresca o refrigerada          | nd      | nd       | 47.0    | 16.0    | 45.0    | 96.0    | 51.0    | 45.0    | 273.0   | 297.0    | 302.0    | 609.0   | 694.0    | 570.0    | 773.0    | 393.0   | 520.0    | 774.4   | 934.4    |
| <b>Exportación Total</b>            | 2,300.0 | 2,161.0  | 1,937.0 | 1,906.0 | 2,277.0 | 2,151.0 | 3,024.0 | 2,833.0 | 3,001.0 | 2,974.0  | 3,206.0  | 3,793.5 | 3,477.4  | 4,094.1  | 4,574.5  | 6,544.9 | 6,522.5  | 7,150.6 | 7,304.5  |
| Agricultura y Silvicultura          | 1,404.0 | 1,378.0  | 1,097.0 | 967.0   | 1,306.0 | 1,184.0 | 1,778.0 | 1,295.0 | 1,399.0 | 1,461.0  | 1,721.0  | 1,876.8 | 1,679.3  | 1,961.0  | 2,220.9  | 3,323.4 | 3,196.9  | 3,408.1 | 3,435.7  |
| Algodón                             | 316.7   | 308.9    | 183.8   | 115.7   | 208.2   | 90.2    | 74.1    | 71.6    | 112.6   | 112.2    | 91.8     | 76.9    | 31.2     | 9.2      | 42.3     | 170.0   | 150.2    | 110.8   | 54.7     |
| Café en grano                       | 422.4   | 334.0    | 345.1   | 358.7   | 424.4   | 491.6   | 824.5   | 492.4   | 434.9   | 513.5    | 332.9    | 368.0   | 258.1    | 252.7    | 359.7    | 706.1   | 677.3    | 827.3   | 635.7    |
| Melón y Sandía                      | 79.1    | 63.4     | 43.0    | 24.2    | 47.1    | 47.8    | 64.0    | 88.4    | 72.8    | 125.4    | 90.4     | 142.2   | 89.2     | 64.8     | 89.2     | 114.4   | 128.3    | 140.4   | 151.5    |
| Frutas frescas o secas              | 79.0    | 63.0     | 72.0    | 47.0    | 82.0    | 90.0    | 117.0   | 158.0   | 167.0   | 213.0    | 245.0    | 446.0   | 420.0    | 410.0    | 471.0    | 560.0   | 472.0    | 423.0   | 513.8    |
| Legumbres y hortalizas frescas      | 169.0   | 198.0    | 178.0   | 149.0   | 179.0   | 162.0   | 198.0   | 238.0   | 269.0   | 197.0    | 430.0    | 489.0   | 551.0    | 653.0    | 689.0    | 929.0   | 742.0    | 925.0   | 1,120.5  |
| Jitomate                            | 166.0   | 250.0    | 154.0   | 112.0   | 221.0   | 214.0   | 408.0   | 200.0   | 243.0   | 199.0    | 428.0    | 262.0   | 167.0    | 395.0    | 395.0    | 585.0   | 539.0    | 523.0   | 638.2    |
| Otros                               | 171.8   | 160.7    | 121.1   | 160.4   | 144.3   | 88.3    | 92.4    | 46.6    | 99.7    | 100.9    | 102.8    | 92.9    | 162.5    | 176.3    | 174.8    | 258.5   | 488.3    | 458.5   | 470.7    |
| Ganadería, Apicultura y Pesca       | 124.0   | 104.0    | 133.0   | 214.0   | 149.0   | 216.0   | 309.0   | 225.0   | 239.0   | 245.0    | 390.0    | 495.7   | 433.1    | 543.1    | 457.6    | 692.5   | 395.6    | 418.5   | 360.9    |
| Ganado vacuno                       | 79.0    | 65.0     | 108.0   | 168.0   | 112.0   | 187.0   | 265.0   | 192.0   | 203.0   | 212.0    | 349.0    | 358.0   | 329.0    | 448.0    | 362.0    | 536.0   | 128.0    | 198.0   | 209.8    |
| Alimentos y Bebidas                 | 772.0   | 679.0    | 707.0   | 725.0   | 822.0   | 751.0   | 937.0   | 1,313.0 | 1,363.0 | 1,268.0  | 1,095.0  | 1,421.0 | 1,365.0  | 1,590.0  | 1,896.0  | 2,529.0 | 2,930.0  | 3,324.0 | 3,507.9  |
| Camarón congelado                   | 381.4   | 347.6    | 368.6   | 380.5   | 401.8   | 322.8   | 383.8   | 434.8   | 370.8   | 338.2    | 202.6    | 241.5   | 208.6    | 295.4    | 334.2    | 462.1   | 395.9    | 478.5   | 491.4    |
| Fresas congeladas                   | 21.9    | 30.2     | 22.3    | 19.3    | 22.4    | 13.3    | 17.1    | 32.3    | 20.3    | 19.3     | 36.3     | 32.2    | 24.3     | 26.6     | 33.1     | 49.3    | 29.9     | 31.1    | 32.4     |
| Legumbres y frutas preparadas       | 63.3    | 59.6     | 70.7    | 61.8    | 77.5    | 76.5    | 82.5    | 100.5   | 113.6   | 155.6    | 159.5    | 248.6   | 258.5    | 266.2    | 290.6    | 306.3   | 327.3    | 365.9   | 394.7    |
| Mieles incristalizables             | 39.4    | 6.8      | 10.2    | 9.9     | 12.2    | 11.3    | 22.7    | 26.8    | 18.7    | 9.2      | 5.7      | 4.8     | 1.3      | 5.5      | 10.9     | 28.6    | 28.2     | 8.1     | 67.8     |
| Tequila                             | 37.4    | 44.5     | 38.9    | 42.7    | 43.4    | 40.0    | 45.4    | 51.1    | 59.3    | 75.1     | 89.3     | 102.6   | 117.6    | 139.4    | 156.5    | 702.3   | 872.8    | 998.6   | 1,117.8  |
| Otros                               | 228.6   | 190.3    | 196.3   | 210.7   | 264.7   | 287.0   | 385.5   | 667.6   | 780.4   | 670.7    | 601.6    | 791.3   | 754.7    | 856.9    | 1,070.7  | 980.4   | 1,276.0  | 1,441.8 | 1,485.8  |
| <b>Balanza Agroalimentaria</b>      | -895.0  | -1,339.0 | 147.0   | -322.0  | -103.0  | 36.0    | 1,595.0 | 1,264.0 | -5.0    | -1,043.0 | -1,544.0 | -972.0  | -2,717.0 | -1,895.1 | -2,786.0 | 1,285.2 | -1,263.9 | -607.6  | -1,399.4 |

Fuente: Elaborado por el CIEP de la Honorable Cámara de Diputados en base a datos del INEGI y Banco de México, Noviembre del 2000.

## SECTOR AGROPECUARIO

## CUADRO 49.2

## México: Balanza agroalimentaria 1991-2000

(Millones de dólares corrientes)

| PRODUCTOS                                            | 1991           | 1992            | 1993            | 1994            | 1995            | 1996            | 1997           | 1998            | 1999           | 2000           |
|------------------------------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|----------------|
| <b>Importación Total</b>                             | <b>4,764.1</b> | <b>6,193.6</b>  | <b>5,988.0</b>  | <b>7,360.6</b>  | <b>5,259.3</b>  | <b>7,786.4</b>  | <b>7,758.5</b> | <b>8,704.6</b>  | <b>8,647.7</b> | <b>7,875.5</b> |
| Agricultura y Silvicultura                           | 1,686.6        | 2,401.6         | 2,324.1         | 2,993.9         | 2,478.9         | 4,347.3         | 3,688.3        | 4,280.6         | 4,027.1        | 3,512.2        |
| Caucho Natural                                       | 70.3           | 61.4            | 58.7            | 73.4            | 96.0            | 111.1           | 106.2          | 89.2            | 72.2           | 67.0           |
| Cebada en Grano                                      | 10.3           | 17.4            | 13.5            | 13.7            | 13.3            | 13.3            | 89.2           | 30.1            | 28.2           | 26.0           |
| Especies Diversas                                    | 31.8           | 2.2             | 30.7            | 26.6            | 22.5            | 28.7            | 32.2           | 40.3            | 39.0           | 30.2           |
| Fríjol                                               | 18.5           | 5.5             | 5.5             | 38.6            | 38.6            | 96.6            | 96.6           | 129.4           | 71.5           | 27.2           |
| Frutas Frescas o Secas                               | 73.4           | 121.5           | 184.2           | 288.7           | 133.1           | 145.7           | 177.4          | 220.3           | 306.5          | 328.8          |
| Hortalizas Frescas                                   | 39.3           | 51.5            | 42.3            | 38.9            | 20.1            | 39.5            | 36.4           | 46.6            | 43.2           | 37.0           |
| Madera Urdiana                                       | 29.6           | 29.5            | 19.1            | 24.6            | 9.0             | 9.0             | 25.3           | 17.6            | 18.5           | 23.4           |
| Maíz                                                 | 178.5          | 184.5           | 68.6            | 369.1           | 373.1           | 1,061.5         | 369.5          | 624.1           | 600.4          | 462.4          |
| Otros Forrajes y Pasturas                            | 3.7            | 3.3             | 6.7             | 5.1             | 2.1             | 9.3             | 13.5           | 15.1            | 16.1           | 12.8           |
| Otras Semillas y Frutos Oleaginosos                  | 234.6          | 221.9           | 251.8           | 289.5           | 286.1           | 441.1           | 467.2          | 394.2           | 438.1          | 326.8          |
| Semilla de Algodón                                   | 84.3           | 173.5           | 240.8           | 55.5            | 239.2           | 347.3           | 470.7          | 649.0           | 410.6          | 499.2          |
| Semilla de Soya                                      | 348.6          | 512.2           | 523.1           | 640.7           | 542.3           | 697.2           | 1,032.2        | 861.4           | 793.7          | 670.7          |
| Sorgo                                                | 361.9          | 542.1           | 380.4           | 384.9           | 254.4           | 330.4           | 263.6          | 349.0           | 426.9          | 388.2          |
| Ingo                                                 | 67.0           | 163.8           | 232.7           | 199.2           | 217.0           | 426.7           | 306.7          | 339.5           | 336.8          | 298.9          |
| Otros                                                | 134.9          | 275.8           | 266.0           | 353.6           | 242.3           | 344.3           | 361.4          | 383.5           | 425.3          | 353.6          |
| Ganadería, Apicultura y Pesca                        | 443.1          | 456.3           | 308.3           | 377.8           | 164.6           | 325.6           | 515.5          | 492.5           | 453.2          | 401.1          |
| Ganado Vacuno                                        | 182.8          | 198.9           | 95.2            | 141.4           | 22.7            | 91.4            | 194.1          | 148.1           | 130.2          | 138.1          |
| Lana sin Carter Ni Peinar                            | 20.6           | 17.7            | 18.1            | 18.2            | 16.7            | 9.6             | 14.7           | 12.5            | 5.1            | 9.1            |
| Hielos y Cueros sin Curtir                           | 141.0          | 139.1           | 112.1           | 109.2           | 66.2            | 148.8           | 195.0          | 189.7           | 180.5          | 134.0          |
| Otros                                                | 90.0           | 87.3            | 68.2            | 52.9            | 40.3            | 58.9            | 84.9           | 104.8           | 92.1           | 79.8           |
| Caza y Pesca                                         | 6.7            | 13.3            | 15.7            | 16.3            | 16.8            | 26.8            | 37.4           | 46.3            | 40.1           | 46.3           |
| <b>Alimentos, Bebidas y Tabaco</b>                   | <b>2,634.4</b> | <b>3,335.7</b>  | <b>3,355.6</b>  | <b>3,988.9</b>  | <b>2,615.8</b>  | <b>3,113.5</b>  | <b>3,584.7</b> | <b>3,931.5</b>  | <b>4,167.4</b> | <b>3,962.2</b> |
| Aceto de Soya                                        | 18.2           | 33.6            | 40.5            | 41.7            | 38.8            | 45.8            | 52.9           | 68.1            | 49.3           | 35.7           |
| Acetates y Jugo de Coco                              | 13.2           | 19.5            | 5.9             | 4.4             | 20.2            | 13.5            | 6.1            | 16.1            | 6.5            | 8.1            |
| Alimento Preparado para Animales                     | 152.0          | 183.0           | 215.0           | 214.3           | 159.2           | 159.2           | 164.1          | 211.5           | 182.1          | 152.1          |
| Azúcar                                               | 263.8          | 39.6            | 21.8            | 21.8            | 16.7            | 94.2            | 23.7           | 11.6            | 13.3           | 9.1            |
| Carnes Frescas o Heladas                             | 630.0          | 707.2           | 569.5           | 772.9           | 392.5           | 519.1           | 775.1          | 934.4           | 1,041.8        | 1,168.7        |
| Conservas Animales Alimenticias                      | 11.5           | 18.9            | 48.2            | 48.2            | 27.0            | 27.0            | 28.4           | 27.3            | 30.1           | 30.1           |
| Conservas Vegetales Alimenticias                     | 59.7           | 104.5           | 120.0           | 168.8           | 73.1            | 70.3            | 91.9           | 117.5           | 128.4          | 108.2          |
| Frutas Conservadas y Deshidratadas                   | 17.7           | 31.4            | 29.0            | 41.9            | 17.5            | 25.3            | 32.5           | 28.1            | 41.6           | 62.1           |
| Harnas de Animales Mamos                             | 17.6           | 17.8            | 25.4            | 25.4            | 17.7            | 17.7            | 12.4           | 11.5            | 11.4           | 11.4           |
| Harnas de Soya y Otras Semillas y Frutos Oleaginosos | 2.9            | 3.2             | 6.4             | 5.8             | 1.3             | 2.5             | 1.1            | 1.8             | 5.0            | 6.8            |
| Leche en Polvo                                       | 108.3          | 371.3           | 406.8           | 264.8           | 266.5           | 368.8           | 335.4          | 251.4           | 224.6          | 207.7          |
| Leche Espesada o Condensada                          | 0.6            | 2.3             | 0.6             | 3.9             | 1.9             | 1.9             | 2.8            | 5.1             | 7.9            | 7.9            |
| Licores y Aguardientes                               | 61.2           | 100.1           | 105.0           | 108.0           | 53.6            | 47.9            | 61.4           | 67.0            | 46.3           | 31.3           |
| Manteca de Cerdo                                     | 10.3           | 12.2            | 13.1            | 18.4            | 21.7            | 20.3            | 18.9           | 16.9            | 13.9           | 8.7            |
| Mantequilla Natural                                  | 70.8           | 70.8            | 63.0            | 63.0            | 45.2            | 45.2            | 46.3           | 56.0            | 49.8           | 49.8           |
| Mayonesa y Salsas                                    | 20.3           | 27.6            | 34.2            | 44.0            | 32.2            | 36.0            | 34.1           | 40.1            | 42.9           | 47.6           |
| Otros Aceites y Grasas Animales y Vegetales          | 265.2          | 265.2           | 275.7           | 370.2           | 370.2           | 375.6           | 385.8          | 388.1           | 372.5          | 461.1          |
| Pescados y Mariscos en Conserva                      | 60.0           | 84.0            | 86.9            | 86.9            | 59.5            | 59.5            | 81.4           | 74.8            | 64.2           | 64.2           |
| Preparados Alimenticios Especiales                   | 17.2           | 19.4            | 25.7            | 34.1            | 14.0            | 11.7            | 21.5           | 21.5            | 20.2           | 15.6           |
| Sabores de Especies Diveras, Ovinas y Caprinas       | 126.3          | 219.1           | 301.7           | 301.7           | 219.1           | 219.1           | 336.3          | 434.4           | 419.2          | 419.2          |
| Vinos Espumosos, Lirios y blancos                    | 69.3           | 69.0            | 83.0            | 99.4            | 118.3           | 112.9           | 113.0          | 113.2           | 73.4           | 73.4           |
| Otros                                                | 39.3           | 58.9            | 49.6            | 46.2            | 25.4            | 50.5            | 52.6           | 49.1            | 57.1           | 41.8           |
|                                                      | 577.6          | 874.5           | 943.5           | 1,196.7         | 683.6           | 790.9           | 961.8          | 1,089.5         | 1,161.4        | 1,086.0        |
| <b>Exportación Total</b>                             | <b>3,792.5</b> | <b>3,477.0</b>  | <b>4,082.5</b>  | <b>4,571.8</b>  | <b>6,544.8</b>  | <b>6,517.2</b>  | <b>7,149.3</b> | <b>7,303.9</b>  | <b>7,717.5</b> | <b>6,984.8</b> |
| Agricultura y Silvicultura                           | 1,676.8        | 1,679.4         | 1,960.9         | 2,220.8         | 3,323.8         | 3,196.2         | 3,404.9        | 3,436.0         | 3,474.1        | 3,127.2        |
| Algodón                                              | 91.3           | 91.3            | 91.3            | 91.3            | 169.9           | 169.9           | 169.9          | 169.9           | 169.9          | 169.9          |
| Almendra de Ajonjolí                                 | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0            | 0.0             | 0.0            | 0.0            |
| Aroz                                                 | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0            | 0.0             | 0.0            | 0.0            |
| Borra de Algodón                                     | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0            | 0.0             | 0.0            | 0.0            |
| Cacao                                                | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0            | 0.0             | 0.0            | 0.0            |
| Café Crudo en Grano                                  | 368.1          | 258.1           | 252.7           | 369.7           | 706.2           | 678.5           | 626.8          | 617.3           | 581.5          | 572.7          |
| Cera Vegetal                                         | 1.0            | 1.0             | 1.0             | 1.0             | 1.0             | 1.0             | 1.0            | 1.0             | 1.0            | 1.0            |
| Colotoma                                             | 1.0            | 0.5             | 0.4             | 1.3             | 1.0             | 1.0             | 2.3            | 0.9             | 0.5            | 0.2            |
| Uncle                                                | 2.9            | 3.8             | 1.8             | 2.4             | 1.6             | 0.7             | 0.0            | 0.0             | 0.0            | 0.0            |
| Especies Diversas                                    | 15.7           | 20.0            | 18.5            | 20.9            | 13.1            | 13.1            | 29.2           | 36.5            | 46.4           | 40.5           |
| Fresas Frescas                                       | 20.7           | 12.2            | 21.9            | 31.5            | 43.9            | 54.1            | 26.9           | 68.5            | 63.8           | 48.3           |
| Fríjol                                               | 30.0           | 35.5            | 26.8            | 44.5            | 72.9            | 103.9           | 62.6           | 67.2            | 90.0           | 96.4           |
| Idlie de Lechugilla                                  | 19.6           | 19.6            | 23.7            | 18.8            | 14.7            | 13.7            | 14.6           | 13.7            | 12.3           | 12.4           |
| Jitomate                                             | 161.8          | 161.8           | 286.0           | 384.4           | 539.6           | 539.6           | 539.6          | 539.6           | 534.9          | 388.0          |
| Legumbres y Hortalizas Frescas                       | 489.3          | 550.9           | 653.4           | 689.4           | 929.0           | 741.6           | 925.1          | 1,095.7         | 1,179.8        | 1,159.3        |
| Maíz                                                 | 2.8            | 2.7             | 6.0             | 4.4             | 13.1            | 17.4            | 20.7           | 35.3            | 8.1            | 3.7            |
| Melón y Sandía                                       | 142.3          | 89.4            | 64.8            | 69.1            | 124.4           | 124.4           | 139.4          | 136.6           | 170.1          | 126.0          |
| Otras Frutas Frescas                                 | 283.6          | 319.4           | 322.8           | 360.2           | 401.7           | 418.1           | 425.1          | 481.0           | 489.3          | 416.9          |
| Raíces y Tallos de Brezo, Mijo o Sorgo               | 0.0            | 0.1             | 0.4             | 3.5             | 3.5             | 2.4             | 2.5            | 4.6             | 3.6            | 3.2            |
| Semilla de Ajonjolí                                  | 44.5           | 33.7            | 21.1            | 21.1            | 13.5            | 19.6            | 23.9           | 20.8            | 16.0           | 16.0           |
| Simiento de Ingo Certificado                         | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0            | 0.0             | 0.0            | 0.0            |
| Tabaco en Rama                                       | 44.4           | 14.1            | 39.8            | 25.2            | 25.4            | 44.2            | 41.2           | 41.7            | 36.2           | 27.7           |
| Ingo                                                 | 0.0            | 0.0             | 0.0             | 14.7            | 77.0            | 21.8            | 75.2           | 45.1            | 74.0           | 74.0           |
| Otros                                                | 66.3           | 90.3            | 77.0            | 80.2            | 92.5            | 108.0           | 115.1          | 116.1           | 120.5          | 112.5          |
| Ganadería, Apicultura y Pesca                        | 494.9          | 432.8           | 542.8           | 457.1           | 692.6           | 394.7           | 421.5          | 360.9           | 452.4          | 438.5          |
| Ganado Vacuno                                        | 368.1          | 329.2           | 448.1           | 361.8           | 536.1           | 127.2           | 199.3          | 202.0           | 289.8          | 279.3          |
| Miel de Abeja                                        | 50.4           | 38.1            | 33.6            | 27.8            | 30.7            | 48.8            | 40.5           | 41.4            | 25.2           | 30.8           |
| Otros                                                | 5.1            | 6.0             | 6.2             | 6.2             | 12.0            | 11.1            | 8.3            | 10.4            | 12.4           | 10.4           |
| Camarón Fresco Helado                                | 1.1            | 0.0             | 0.2             | 0.1             | 0.3             | 24.9            | 13.2           | 2.6             | 2.3            | 1.0            |
| Langosta Fresca Helada                               | 0.2            | 1.0             | 1.3             | 6.2             | 11.6            | 20.4            | 17.4           | 11.9            | 15.9           | 14.9           |
| Pescados y Mariscos Frescos                          | 55.2           | 38.8            | 34.8            | 34.7            | 50.4            | 106.7           | 98.0           | 55.7            | 60.1           | 62.9           |
| Otros                                                | 24.8           | 19.7            | 18.6            | 20.9            | 51.5            | 55.6            | 44.8           | 36.9            | 46.7           | 39.2           |
| <b>Alimentos, Bebidas y Tabaco</b>                   | <b>1,420.8</b> | <b>1,364.8</b>  | <b>1,588.8</b>  | <b>1,893.9</b>  | <b>2,528.4</b>  | <b>2,926.3</b>  | <b>3,322.9</b> | <b>3,507.0</b>  | <b>3,791.0</b> | <b>3,419.1</b> |
| Abulón en Conserva                                   | 37.8           | 41.6            | 35.5            | 36.9            | 43.4            | 60.6            | 53.6           | 23.1            | 21.5           | 23.8           |
| Ales y Mermeladas de Frutas                          | 3.4            | 2.9             | 2.0             | 2.0             | 4.3             | 4.3             | 7.2            | 8.4             | 8.4            | 8.4            |
| Atún Connelado                                       | 20.7           | 4.6             | 4.9             | 0.0             | 36.1            | 31.1            | 28.5           | 5.2             | 12.5           | 1.3            |
| Azúcar                                               | 50.1           | 3.1             | 0.0             | 0.1             | 83.8            | 220.4           | 136.1          | 69.2            | 17.3           | 7.5            |
| Camarón Connelado                                    | 205.5          | 236.7           | 256.4           | 334.1           | 386.2           | 478.6           | 411.4          | 425.3           | 425.3          | 330.4          |
| Cerveza                                              | 169.5          | 189.7           | 196.4           | 232.4           | 309.5           | 374.1           | 486.7          | 615.6           | 721.1          | 770.4          |
| Café Tostado                                         | 40.6           | 24.4            | 32.3            | 54.8            | 65.0            | 70.8            | 96.1           | 76.1            | 64.7           | 38.2           |
| Carnes de Ganado, Excepto Equino                     | 2.4            | 16.1            | 18.0            | 21.9            | 72.7            | 79.8            | 123.7          | 123.1           | 123.1          | 128.4          |
| Carnes de Ganado Equino                              | 6.1            | 6.1             | 6.5             | 6.4             | 9.3             | 10.3            | 9.4            | 7.9             | 5.9            | 3.9            |
| Conservas de Pescados y Mariscos                     | 10.3           | 10.6            | 9.1             | 8.7             | 12.8            | 32.8            | 31.1           | 23.6            | 20.5           | 14.6           |
| Extractos Alcohólicos Concentrados                   | 4.4            | 4.9             | 6.9             | 9.4             | 9.4             | 9.4             | 9.4            | 9.4             | 9.4            | 9.4            |
| Extractos de Café                                    | 5.0            | 11.6            | 13.7            | 19.1            | 43.6            | 30.3            | 78.8           | 98.4            | 100.9          | 83.7           |
| Fresas Conneladas, con o sin Azúcar                  | 22.2           | 24.3            | 26.6            | 32.8            | 42.3            | 28.3            | 28.4           | 28.4            | 47.9           | 43.7           |
| Jugo de Naranja                                      | 45.5           | 9.8             | 25.1            | 51.4            | 90.7            | 66.7            | 50.5           | 98.3            | 62.4           | 45.2           |
| Jugo de Piña                                         | 12.6           | 1.9             | 0.3             | 0.6             | 1.3             | 2.0             | 1.3            | 7.4             | 2.8            | 1.4            |
| Langosta Connelada                                   | 11.7           | 15.6            | 14.7            | 15.6            | 14.7            | 11.7            | 7.6            | 5.2             | 6.4            | 4.3            |
| Legumbres y Frutas Preparadas y/o en Conservas       | 248.5          | 258.4           | 266.2           | 290.6           | 306.2           | 327.9           | 366.1          | 395.1           | 441.7          | 346.6          |
| Manteca de Cacao                                     | 6.5            | 5.1             | 6.7             | 5.4             | 12.7            | 8.3             | 6.9            | 4.5             | 8.3            | 3.6            |
| Mielers Instalables de Caña de Azúcar                | 1.9            | 1.3             | 5.5             | 10.8            | 8.7             | 28.3            | 7.8            | 8.1             | 1.9            | 1.9            |
| Otros Jucos de Frutas                                | 17.9           | 24.1            | 25.0            | 30.4            | 31.9            | 50.0            | 55.7           | 68.0            | 68.0           | 57.7           |
| Pasta, Puré o Jugo de Tomate                         | 2.0            | 0.7             | 0.9             | 1.0             | 0.5             | 0.9             | 0.7            | 3.8             | 3.8            | 1.5            |
| Piña en Almibar o en Su Jugo                         | 31.9           | 3.1             | 0.7             | 0.7             | 1.1             | 1.5             | 2.6            | 1.9             | 1.1            | 0.8            |
| Tequila y Otros Aguardientes                         | 102.5          | 117.7           | 139.4           | 156.6           | 176.6           | 213.9           | 259.2          | 296.1           | 306.5          | 396.0          |
| Otros                                                | 328.8          | 382.2           | 460.3           | 572.1           | 702.3           | 872.6           | 996.5          | 1,119.0         | 1,318.1        | 1,106.6        |
| <b>Balanza Agroalimentaria</b>                       | <b>-971.6</b>  | <b>-2,716.6</b> | <b>-1,895.5</b> | <b>-2,788.8</b> | <b>-1,285.5</b> | <b>-1,269.2</b> | <b>-609.2</b>  | <b>-1,400.7</b> | <b>-930.2</b>  | <b>-890.7</b>  |

Nota: Los datos para el año 2000, corresponden al mes de Octubre

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SHCP, Banco de México, SEOFI e INEGI

# SECTOR AGROPECUARIO

## CUADRO 50.1

### México: Balanza agroalimentaria 1980-1998

(Millones de dólares constantes de 1980)

| Productos                           | 1980    | 1981     | 1982    | 1983    | 1984    | 1985    | 1986    | 1987    | 1988    | 1989    | 1990    | 1991    | 1992    | 1993    | 1994    | 1995    | 1996    | 1997    | 1998     |
|-------------------------------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| <b>Importación Total</b>            | 3,195.0 | 3,231.8  | 1,602.5 | 1,949.3 | 2,010.1 | 1,783.3 | 1,226.6 | 1,304.2 | 2,357.6 | 3,011.2 | 3,487.5 | 3,491.2 | 4,505.0 | 4,299.5 | 5,165.3 | 3,497.1 | 5,160.0 | 5,110.8 | 5,771.8  |
| Agricultura y Silvicultura          | 1,884.0 | 2,036.0  | 829.9   | 1,418.2 | 1,432.4 | 1,092.7 | 673.0   | 807.1   | 1,095.7 | 1,309.6 | 1,343.6 | 1,236.2 | 1,747.0 | 1,668.6 | 2,100.6 | 1,648.1 | 2,879.9 | 2,410.3 | 2,838.6  |
| Caucho natural                      | 73.7    | 63.1     | 41.7    | 40.5    | 47.5    | 44.7    | 38.3    | 48.8    | 54.1    | 54.0    | 43.6    | 51.5    | 44.6    | 42.1    | 51.5    | 63.8    | 73.9    | 70.2    | 59.2     |
| Otras semillas y frutas oleaginosas | 126.0   | 137.4    | 181.6   | 121.5   | 202.6   | 179.4   | 126.4   | 94.8    | 99.9    | 105.0   | 116.0   | 171.9   | 161.4   | 180.8   | 203.2   | 198.3   | 292.1   | 259.4   | 309.8    |
| Maíz                                | 595.0   | 418.3    | 34.0    | 554.7   | 316.7   | 215.0   | 142.5   | 236.1   | 309.0   | 330.6   | 319.4   | 131.1   | 133.1   | 48.1    | 258.9   | 248.0   | 703.8   | 236.7   | 413.9    |
| Trigo                               | 163.0   | 197.6    | 77.9    | 51.6    | 34.6    | 26.1    | 17.2    | 30.8    | 107.5   | 52.5    | 33.8    | 49.1    | 119.3   | 167.3   | 132.6   | 144.3   | 283.0   | 201.4   | 225.1    |
| Frijol                              | 241.0   | 312.1    | 87.7    | 0.9     | 27.9    | 47.2    | 71.2    | 15.0    | 12.5    | 63.0    | 185.8   | 13.2    | 1.5     | 3.6     | 26.7    | 10.0    | 57.0    | 35.8    | 85.8     |
| Frutas frescas o secas              |         |          | 9.8     | 0.9     | 1.7     | 5.1     | 4.3     | 5.0     | 7.8     | 27.7    | 33.0    | 57.1    | 80.7    | 132.1   | 230.2   | 88.4    | 96.1    | 116.3   | 146.1    |
| Hortalizas frescas                  |         |          | 22.4    | 32.4    | 47.3    | 16.0    | 6.0     | 5.8     | 7.1     | 12.7    | 19.1    | 28.6    | 36.4    | 30.2    | 27.4    | 13.3    | 26.5    | 24.2    | 30.9     |
| Soya                                | 132.5   | 327.8    | 139.5   | 190.6   | 340.7   | 232.0   | 143.5   | 182.8   | 295.1   | 244.8   | 159.7   | 255.4   | 372.5   | 375.5   | 449.5   | 360.6   | 594.8   | 679.8   | 571.3    |
| Sorgo                               | 312.7   | 398.8    | 174.3   | 379.6   | 306.8   | 222.9   | 67.0    | 51.3    | 108.4   | 241.3   | 257.9   | 265.1   | 394.3   | 273.0   | 277.1   | 169.1   | 219.5   | 174.6   | 231.4    |
| Otros                               | 240.1   | 180.9    | 60.8    | 45.6    | 106.6   | 106.6   | 56.5    | 136.9   | 94.1    | 178.0   | 175.4   | 195.3   | 403.2   | 415.7   | 443.3   | 352.5   | 533.4   | 612.3   | 765.1    |
| Ganadería, Apicultura y Pesca       | 141.0   | 200.4    | 154.0   | 70.0    | 155.4   | 262.2   | 132.2   | 114.7   | 294.9   | 191.9   | 176.9   | 324.6   | 331.9   | 221.7   | 265.3   | 109.6   | 215.1   | 337.4   | 326.4    |
| Ganado vacuno                       |         |          | 35.8    | 31.8    | 31.3    | 107.9   | 56.7    | 27.4    | 142.7   | 65.2    | 52.1    | 134.1   | 145.5   | 68.2    | 98.9    | 15.3    | 61.0    | 128.0   | 98.2     |
| Alimentos y Bebidas                 | 1,170.0 | 995.4    | 618.6   | 461.1   | 422.3   | 428.3   | 421.5   | 382.4   | 967.1   | 1,509.7 | 1,967.0 | 1,930.4 | 2,426.2 | 2,409.2 | 2,799.3 | 1,739.4 | 2,064.9 | 2,363.0 | 2,606.8  |
| Leche en polvo                      | 135.0   | 101.6    | 72.5    | 93.6    | 71.8    | 86.0    | 100.4   | 112.2   | 188.2   | 352.3   | 407.5   | 79.1    | 269.8   | 292.2   | 186.0   | 177.5   | 243.9   | 221.3   | 166.7    |
| Leche evaporada o condensada        | 51.7    | 107.2    | 57.4    | 3.1     | 3.1     | 5.2     | 4.2     | 1.7     | 0.9     | 0.7     | 1.4     | 0.7     | 1.7     | 1.4     | 2.7     | 0.7     | 1.0     | 1.3     | 1.9      |
| Azúcar                              | 546.0   | 332.4    | 126.2   | 163.6   | 61.7    | 69.1    | 5.2     | 161.3   | 0.8     | 132.7   | 325.3   | 191.9   | 26.9    | 15.8    | 19.6    | 11.3    | 63.0    | 14.8    | 7.7      |
| Carnes frescas o refrigeradas       |         |          | 42.1    | 14.0    | 38.0    | 80.9    | 43.8    | 37.4    | 214.1   | 222.6   | 221.7   | 446.2   | 504.7   | 409.2   | 542.5   | 261.3   | 344.6   | 510.1   | 619.6    |
| <b>Exportación Total</b>            | 2,300.0 | 2,046.4  | 2,041.1 | 2,148.8 | 2,527.2 | 2,518.7 | 5,099.5 | 4,228.4 | 4,547.0 | 4,147.8 | 4,174.5 | 5,365.6 | 4,904.7 | 5,950.7 | 6,461.2 | 8,749.9 | 8,582.2 | 9,496.1 | 10,317.1 |
| Agricultura y Silvicultura          | 1,404.0 | 1,304.9  | 1,156.0 | 1,090.2 | 1,449.5 | 1,386.4 | 2,998.3 | 1,932.8 | 2,119.7 | 2,037.7 | 2,240.9 | 2,654.6 | 2,368.5 | 2,850.3 | 3,136.9 | 4,443.0 | 4,206.4 | 4,526.0 | 4,852.7  |
| Algodón                             | 316.7   | 292.5    | 193.7   | 130.4   | 231.0   | 105.6   | 125.0   | 106.9   | 170.6   | 156.5   | 119.6   | 108.8   | 44.1    | 13.4    | 59.8    | 227.3   | 197.6   | 147.2   | 77.2     |
| Café en grano                       | 422.4   | 316.3    | 363.7   | 404.4   | 471.1   | 575.7   | 1,390.5 | 734.9   | 658.9   | 716.2   | 433.5   | 520.6   | 364.1   | 367.3   | 508.0   | 943.9   | 891.2   | 1,098.7 | 897.8    |
| Melón y Sandía                      | 79.1    | 60.0     | 45.3    | 27.3    | 52.3    | 56.0    | 107.9   | 131.9   | 110.4   | 174.9   | 117.7   | 201.1   | 125.8   | 94.1    | 126.0   | 153.0   | 168.8   | 186.4   | 214.0    |
| Frutas frescas o secas              | 79.0    | 59.7     | 75.9    | 53.0    | 91.0    | 105.4   | 197.3   | 235.8   | 253.0   | 297.1   | 319.0   | 630.8   | 592.4   | 595.9   | 665.3   | 748.7   | 621.1   | 561.8   | 725.7    |
| Legumbres y hortalizas frescas      | 169.0   | 187.5    | 187.6   | 168.0   | 198.7   | 189.7   | 333.9   | 355.2   | 407.6   | 274.8   | 559.9   | 691.7   | 777.2   | 949.1   | 973.2   | 1,242.0 | 976.3   | 1,228.4 | 1,582.6  |
| Jitomate                            | 166.0   | 236.7    | 162.3   | 126.3   | 245.3   | 250.6   | 688.0   | 298.5   | 368.2   | 277.5   | 557.3   | 370.6   | 235.5   | 574.1   | 557.9   | 782.1   | 709.2   | 694.6   | 901.4    |
| Otros                               | 171.8   | 152.2    | 127.6   | 180.8   | 160.2   | 103.4   | 155.8   | 69.5    | 151.1   | 140.7   | 133.9   | 131.4   | 229.2   | 256.2   | 246.9   | 345.6   | 642.5   | 608.9   | 664.8    |
| Ganadería, Apicultura y Pesca       | 124.0   | 98.5     | 140.1   | 241.3   | 165.4   | 252.9   | 521.1   | 335.8   | 362.1   | 341.7   | 507.8   | 701.1   | 610.9   | 789.4   | 646.3   | 925.8   | 520.5   | 555.8   | 509.7    |
| Ganado vacuno                       | 79.0    | 61.6     | 113.8   | 189.4   | 124.3   | 219.0   | 446.9   | 286.6   | 307.6   | 295.7   | 454.4   | 506.4   | 464.0   | 651.2   | 511.3   | 716.6   | 168.4   | 262.9   | 296.3    |
| Alimentos y Bebidas                 | 772.0   | 643.0    | 745.0   | 817.4   | 912.3   | 879.4   | 1,580.1 | 1,959.7 | 2,065.2 | 1,768.5 | 1,425.8 | 2,009.9 | 1,925.2 | 2,311.0 | 2,678.0 | 3,381.0 | 3,855.3 | 4,414.3 | 4,954.7  |
| Camarón congelado                   | 381.4   | 329.2    | 388.4   | 429.0   | 445.9   | 378.0   | 647.3   | 648.9   | 561.8   | 471.6   | 263.8   | 341.7   | 294.2   | 429.4   | 472.0   | 617.8   | 520.9   | 635.5   | 694.0    |
| Fresas congeladas                   | 21.9    | 28.6     | 23.5    | 21.8    | 24.9    | 15.6    | 28.8    | 48.2    | 30.7    | 26.9    | 47.2    | 45.6    | 34.3    | 38.6    | 46.7    | 65.9    | 39.4    | 41.3    | 45.8     |
| Legumbres y frutas preparadas       | 63.3    | 56.5     | 74.5    | 69.7    | 86.1    | 89.6    | 139.1   | 150.0   | 172.2   | 217.0   | 207.7   | 351.6   | 364.6   | 386.9   | 410.4   | 409.5   | 430.7   | 485.9   | 557.5    |
| Mieles incristalizables             | 39.4    | 6.4      | 10.8    | 11.2    | 13.5    | 13.2    | 38.3    | 40.0    | 28.3    | 12.8    | 7.4     | 6.7     | 1.8     | 8.0     | 15.4    | 38.2    | 37.0    | 10.8    | 95.8     |
| Tequila                             | 37.4    | 42.2     | 41.0    | 48.1    | 46.9    | 76.6    | 76.3    | 89.8    | 104.8   | 116.3   | 145.1   | 165.9   | 202.6   | 221.1   | 938.9   | 1,148.4 | 1,326.2 | 1,578.8 |          |
| Otros                               | 228.6   | 180.2    | 206.9   | 237.6   | 293.8   | 336.1   | 650.0   | 996.4   | 1,182.4 | 935.4   | 783.3   | 1,119.2 | 1,064.4 | 1,245.5 | 1,512.3 | 1,310.7 | 1,678.9 | 1,914.7 | 2,098.6  |
| <b>Balanza Agroalimentaria</b>      | -895.0  | -1,185.4 | 438.6   | 199.6   | 517.1   | 735.4   | 3,872.9 | 2,924.1 | 2,189.3 | 1,136.6 | 687.0   | 1,874.4 | 399.6   | 1,651.2 | 1,295.9 | 5,252.7 | 3,422.3 | 4,385.3 | 4,545.3  |

Fuente: Elaborado por el CEEF de la Honorable Cámara de Diputados en base a datos del INEGI y Banco de México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 50.2

México: Balanza agroalimentaria 1991-2000

(Millones de dólares constantes de 1980)

| PRODUCTOS                                            | 1991           | 1992           | 1993           | 1994           | 1995           | 1996           | 1997           | 1998            | 1999            | 2000           |
|------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|
| <b>Importación Total</b>                             | <b>3,490.2</b> | <b>4,504.4</b> | <b>4,298.6</b> | <b>5,165.3</b> | <b>3,496.9</b> | <b>5,160.0</b> | <b>5,111.0</b> | <b>5,772.3</b>  | <b>5,788.3</b>  | <b>5,137.3</b> |
| Agricultura y Silvicultura                           | 1,235.6        | 1,746.6        | 1,688.4        | 2,101.0        | 1,648.2        | 2,880.9        | 2,409.9        | 2,838.6         | 2,695.5         | 2,291.1        |
| Caucho Natural                                       | 51.5           | 44.7           | 42.1           | 51.5           | 63.8           | 73.6           | 70.0           | 59.2            | 48.3            | 43.7           |
| Cebada en Grano                                      | 7.5            | 11.6           | 9.7            | 4.2            | 8.8            | 45.7           | 27.0           | 21.1            | 26.2            | 17.0           |
| Especies Diversas                                    | 23.3           | 30.0           | 22.0           | 18.7           | 15.0           | 19.0           | 21.2           | 26.7            | 26.1            | 19.7           |
| Frijol                                               | 13.6           | 11.6           | 3.9            | 27.0           | 10.0           | 57.4           | 67.4           | 66.8            | 47.9            | 17.7           |
| Frutas Frescas o Secas                               | 57.4           | 88.4           | 132.2          | 202.6          | 88.5           | 96.6           | 116.9          | 146.1           | 205.2           | 214.5          |
| Hortalizas Frescas                                   | 28.8           | 37.5           | 30.4           | 27.3           | 13.4           | 26.2           | 24.0           | 30.9            | 28.9            | 24.1           |
| Madera Urdiana                                       | 18.0           | 21.5           | 13.7           | 17.2           | 13.0           | 17.2           | 15.0           | 12.6            | 11.8            | 15.3           |
| Maíz                                                 | 130.8          | 134.2          | 49.2           | 269.0          | 248.1          | 703.4          | 236.8          | 413.9           | 401.9           | 301.6          |
| Otros Forrajes y Pasturas                            | 2.7            | 16.4           | 4.8            | 3.6            | 1.4            | 6.2            | 8.9            | 10.0            | 10.8            | 8.3            |
| Otras Semillas y Frutos Oleaginosos                  | 171.9          | 161.4          | 203.8          | 203.2          | 198.2          | 259.7          | 259.7          | 309.8           | 293.2           | 213.2          |
| Semilla de Algodón                                   | 61.8           | 126.2          | 172.9          | 178.6          | 159.0          | 230.2          | 310.1          | 430.4           | 274.8           | 325.6          |
| Semilla de Soya                                      | 255.3          | 372.5          | 375.5          | 449.6          | 360.6          | 594.6          | 680.0          | 571.2           | 524.6           | 437.5          |
| Sorgo                                                | 265.1          | 384.5          | 273.1          | 277.1          | 169.1          | 219.0          | 173.6          | 231.4           | 285.7           | 253.2          |
| Ingó                                                 | 49.1           | 119.0          | 167.0          | 132.8          | 144.3          | 282.8          | 202.0          | 225.1           | 225.4           | 188.9          |
| Otros                                                | 98.8           | 200.6          | 191.0          | 248.1          | 161.1          | 226.2          | 238.1          | 254.3           | 284.7           | 230.7          |
| Ganadería, Apicultura y Pesca                        | 324.6          | 331.9          | 221.3          | 265.1          | 109.4          | 215.8          | 339.6          | 326.6           | 303.3           | 261.6          |
| Ganado Vacuno                                        | 133.9          | 144.7          | 68.3           | 99.2           | 15.1           | 60.6           | 127.9          | 98.2            | 87.1            | 90.1           |
| Lana sin Carter Ni Penar                             | 15.1           | 12.9           | 12.3           | 12.4           | 8.4            | 9.7            | 8.3            | 3.4             | 5.9             | 6.9            |
| Hieles y Cueros sin Cutir                            | 103.3          | 101.2          | 80.5           | 76.6           | 44.0           | 96.6           | 128.5          | 126.8           | 120.8           | 87.4           |
| Otros                                                | 65.9           | 63.5           | 49.0           | 58.2           | 26.7           | 39.0           | 55.9           | 69.9            | 61.6            | 56.1           |
| Caza y Pesca                                         | 6.4            | 3.7            | 11.3           | 18.3           | 11.2           | 11.2           | 17.7           | 24.8            | 30.3            | 49.2           |
| <b>Alimentos, Bebidas y Tabaco</b>                   | <b>1,930.0</b> | <b>2,426.0</b> | <b>2,408.9</b> | <b>2,799.2</b> | <b>1,739.2</b> | <b>2,063.3</b> | <b>2,361.5</b> | <b>2,607.1</b>  | <b>2,789.4</b>  | <b>2,584.6</b> |
| Aceto de Soya                                        | 13.3           | 24.4           | 29.1           | 29.3           | 25.8           | 30.4           | 34.8           | 45.2            | 33.0            | 23.3           |
| Acetates y Jijos de Coco                             | 9.7            | 14.2           | 4.2            | 3.1            | 13.4           | 8.9            | 4.0            | 10.7            | 4.4             | 5.3            |
| Alimento Preparado para Animales                     | 96.7           | 133.1          | 103.6          | 150.9          | 90.9           | 104.8          | 142.1          | 141.6           | 118.8           | 118.8          |
| Azúcar                                               | 193.3          | 28.8           | 15.6           | 19.7           | 11.1           | 62.4           | 15.6           | 12.7            | 8.9             | 5.9            |
| Carnes Frescas o Heligeradas                         | 461.5          | 514.3          | 408.8          | 542.4          | 261.0          | 344.0          | 510.6          | 619.6           | 697.3           | 762.4          |
| Conservas Animales Alimenticias                      | 18.4           | 13.4           | 33.3           | 33.8           | 17.9           | 18.8           | 17.3           | 18.3            | 18.3            | 18.3           |
| Conservas Vegetales Alimenticias                     | 43.7           | 76.0           | 86.1           | 118.5          | 48.6           | 46.6           | 60.5           | 77.9            | 85.9            | 70.6           |
| Frutas Conservadas y Deshidratadas                   | 13.0           | 22.8           | 20.8           | 29.4           | 11.6           | 16.8           | 21.4           | 18.6            | 27.8            | 40.5           |
| Harnas de Animales Marinos                           | 17.0           | 12.9           | 23.8           | 4.8            | 23.3           | 4.0            | 8.8            | 7.7             | 7.4             | 7.4            |
| Harnas de Soya y Otras Semillas y Frutos Oleaginosos | 2.1            | 2.3            | 4.6            | 4.1            | 0.9            | 1.7            | 0.7            | 1.2             | 3.3             | 4.4            |
| Leche de Pólv.                                       | 79.3           | 270.0          | 252.0          | 185.8          | 177.2          | 244.4          | 220.9          | 166.7           | 190.3           | 125.5          |
| Leche Evaporada o Condensada                         | 0.7            | 1.3            | 0.3            | 0.3            | 0.3            | 0.7            | 0.7            | 3.4             | 3.6             | 5.0            |
| Licores y Aguardientes                               | 44.8           | 72.8           | 75.4           | 75.8           | 35.6           | 31.7           | 40.4           | 44.4            | 31.0            | 20.4           |
| Manteca de Cerdo                                     | 7.5            | 9.9            | 12.4           | 12.9           | 14.4           | 13.5           | 11.2           | 12.5            | 9.2             | 5.7            |
| Mantequilla Natural                                  | 42.6           | 51.5           | 49.6           | 44.2           | 30.1           | 30.7           | 31.8           | 34.6            | 43.5            | 25.6           |
| Mayonesa y Salsas                                    | 14.9           | 20.1           | 24.6           | 30.9           | 21.4           | 23.2           | 22.5           | 26.6            | 28.7            | 31.1           |
| Otros Aceites y Grasas Animales y Vegetales          | 195.3          | 195.2          | 259.8          | 259.8          | 235.2          | 244.2          | 257.4          | 249.3           | 249.3           | 274.2          |
| Pieles Comestibles de Cerdo                          | 58.6           | 61.1           | 61.5           | 60.3           | 37.2           | 50.9           | 57.1           | 54.0            | 49.9            | 54.9           |
| Pescados y Mariscos en Conserva                      | 12.6           | 14.1           | 18.4           | 23.9           | 9.3            | 7.8            | 14.2           | 14.3            | 13.6            | 10.2           |
| Preparados Alimenticios Especiales                   | 101.3          | 151.9          | 211.7          | 211.7          | 131.8          | 184.7          | 223.0          | 185.7           | 200.8           | 273.5          |
| Sebos de Especies Bovina, Ovina y Caprina            | 50.8           | 50.2           | 59.6           | 69.8           | 78.7           | 74.8           | 77.1           | 101.5           | 75.8            | 47.9           |
| Vinos Espumosos, tintos y blancos                    | 28.8           | 42.8           | 35.6           | 32.4           | 16.9           | 33.5           | 34.7           | 32.6            | 38.2            | 27.3           |
| Otros                                                | 423.2          | 636.0          | 677.3          | 639.8          | 454.5          | 524.1          | 646.8          | 709.2           | 777.4           | 714.9          |
| <b>Exportación Total</b>                             | <b>5,364.2</b> | <b>4,904.1</b> | <b>5,948.4</b> | <b>6,457.3</b> | <b>8,749.7</b> | <b>8,575.3</b> | <b>9,494.4</b> | <b>10,316.2</b> | <b>10,500.0</b> | <b>8,952.7</b> |
| Agricultura y Silvicultura                           | 2,654.6        | 2,368.7        | 2,890.1        | 3,136.7        | 4,443.6        | 4,205.5        | 4,521.8        | 4,953.1         | 4,726.7         | 3,963.5        |
| Algodón                                              | 108.6          | 44.1           | 13.4           | 58.5           | 227.1          | 147.3          | 77.1           | 74.4            | 60.8            | 43.3           |
| Almendra de Ajonjolí                                 | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0             | 0.0            |
| Aroz                                                 | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.5            | 0.0            | 1.4             | 1.0             | 0.0            |
| Borra de Algodón                                     | 3.7            | 0.6            | 0.7            | 0.4            | 0.1            | 11.0           | 12.0           | 18.0            | 10.3            | 0.3            |
| Cacao                                                | 0.0            | 29.8           | 25.9           | 8.5            | 18.9           | 14.6           | 24.6           | 17.8            | 8.7             | 0.4            |
| Café Crudo en Grano                                  | 520.7          | 364.0          | 367.3          | 508.1          | 944.1          | 892.8          | 1,038.0        | 871.9           | 791.2           | 725.9          |
| Cera Vegetal                                         | 2.8            | 4.7            | 4.7            | 4.2            | 1.7            | 1.7            | 1.7            | 4.9             | 4.3             | 4.3            |
| Colodina                                             | 1.4            | 0.7            | 0.6            | 1.8            | 1.3            | 1.3            | 3.1            | 1.3             | 0.7             | 0.3            |
| Uncle                                                | 4.4            | 2.6            | 3.4            | 3.4            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0             | 0.0            |
| Especies Diversas                                    | 22.2           | 28.2           | 29.1           | 26.1           | 27.9           | 172.5          | 38.8           | 51.6            | 63.1            | 51.3           |
| Frutas Frescas                                       | 29.3           | 17.2           | 31.8           | 44.5           | 58.7           | 71.2           | 35.7           | 96.8            | 86.8            | 61.2           |
| Frijol                                               | 0.6            | 9.8            | 30.7           | 29.2           | 33.7           | 4.6            | 3.4            | 3.4             | 3.4             | 3.4            |
| Garbanzo                                             | 45.3           | 50.1           | 39.0           | 62.9           | 97.5           | 136.7          | 83.1           | 94.9            | 122.4           | 122.2          |
| Idlie de Lechugilla                                  | 27.7           | 27.9           | 34.4           | 26.6           | 19.7           | 18.0           | 19.4           | 19.4            | 16.7            | 15.7           |
| Jitomate                                             | 370.3          | 236.3          | 574.4          | 557.1          | 703.0          | 695.6          | 632.3          | 727.8           | 691.6           | 491.9          |
| Legumbres y Hortalizas Frescas                       | 692.1          | 777.0          | 949.7          | 973.7          | 1,242.0        | 975.8          | 1,228.6        | 1,547.6         | 1,605.2         | 1,468.1        |
| Maíz                                                 | 4.0            | 3.8            | 8.7            | 6.2            | 17.5           | 22.9           | 27.5           | 49.9            | 11.0            | 4.7            |
| Melon y Sandía                                       | 201.3          | 126.1          | 126.8          | 126.8          | 152.9          | 170.3          | 185.1          | 191.5           | 231.4           | 189.7          |
| Otras Frutas Frescas                                 | 401.1          | 450.5          | 469.2          | 494.6          | 537.0          | 550.1          | 664.5          | 679.4           | 665.7           | 528.4          |
| Raíces y Tallos de Brezo, Mijo o Sorgo               | 0.0            | 0.1            | 0.6            | 4.9            | 4.7            | 3.2            | 3.3            | 6.5             | 4.9             | 4.1            |
| Semilla de Ajonjolí                                  | 62.9           | 47.5           | 30.7           | 29.8           | 18.0           | 25.8           | 30.9           | 33.6            | 28.3            | 20.3           |
| Simiente de Ingó Certificada                         | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0             | 0.0            |
| Tabaco en Rama                                       | 62.8           | 19.9           | 57.8           | 35.6           | 34.0           | 58.2           | 54.7           | 58.9            | 48.6            | 35.1           |
| Ingó                                                 | 0.0            | 0.0            | 0.0            | 20.8           | 86.3           | 25.7           | 101.2          | 38.4            | 61.9            | 93.8           |
| Otros                                                | 93.8           | 127.4          | 111.9          | 113.3          | 123.7          | 142.1          | 161.2          | 162.6           | 163.9           | 142.6          |
| Ganadería, Apicultura y Pesca                        | 700.0          | 610.4          | 789.0          | 645.6          | 925.9          | 519.3          | 559.8          | 509.7           | 615.5           | 555.8          |
| Ganado Vacuno                                        | 506.5          | 464.3          | 651.3          | 511.0          | 716.7          | 167.4          | 264.7          | 295.3           | 394.3           | 354.0          |
| Miel de Abeja                                        | 71.3           | 53.7           | 48.8           | 39.3           | 41.0           | 64.2           | 53.8           | 58.5            | 34.3            | 39.0           |
| Otros                                                | 7.2            | 8.5            | 9.0            | 7.9            | 16.0           | 14.6           | 11.0           | 14.7            | 16.9            | 13.2           |
| Camarón fresco Heligerado                            | 1.6            | 0.0            | 0.3            | 0.1            | 0.4            | 32.8           | 17.5           | 3.7             | 3.1             | 1.3            |
| Langosta fresca Heligerada                           | 0.3            | 1.4            | 1.9            | 8.6            | 15.5           | 25.8           | 23.1           | 16.8            | 23.1            | 18.9           |
| Pescados y Mariscos frescos                          | 78.1           | 54.7           | 50.6           | 49.0           | 67.4           | 140.4          | 130.1          | 78.7            | 81.8            | 79.7           |
| Otros                                                | 35.1           | 27.8           | 27.0           | 29.5           | 68.9           | 73.2           | 59.5           | 52.1            | 63.5            | 49.7           |
| <b>Alimentos, Bebidas y Tabaco</b>                   | <b>2,009.6</b> | <b>1,925.0</b> | <b>2,309.3</b> | <b>2,675.0</b> | <b>3,380.2</b> | <b>3,850.4</b> | <b>4,412.9</b> | <b>4,953.4</b>  | <b>5,157.8</b>  | <b>4,333.5</b> |
| Abulón en Conserva                                   | 53.5           | 58.7           | 51.6           | 52.1           | 58.0           | 78.7           | 71.2           | 32.6            | 29.3            | 30.2           |
| Ates y Mermeladas de Frutas                          | 4.8            | 2.8            | 2.8            | 2.8            | 4.1            | 5.7            | 10.2           | 11.4            | 10.6            | 10.6           |
| Atún Congelado                                       | 29.3           | 6.5            | 7.1            | 0.0            | 46.9           | 40.9           | 37.8           | 35.5            | 17.0            | 1.6            |
| Azúcar                                               | 70.9           | 4.4            | 0.0            | 0.0            | 0.0            | 112.0          | 290.0          | 180.7           | 63.6            | 23.5           |
| Camarón Congelado                                    | 341.6          | 294.4          | 423.4          | 471.9          | 617.9          | 522.0          | 591.1          | 635.6           | 591.1           | 578.6          |
| Cerveza                                              | 239.7          | 267.6          | 265.5          | 328.2          | 413.8          | 492.2          | 646.3          | 869.5           | 981.1           | 976.4          |
| Café Tostado                                         | 37.4           | 34.4           | 46.9           | 77.4           | 46.9           | 93.2           | 77.4           | 125.3           | 74.4            | 48.4           |
| Carnes de Ganado, Exceso Equino                      | 13.3           | 22.7           | 26.2           | 30.9           | 45.7           | 104.7          | 164.3          | 165.3           | 167.5           | 164.0          |
| Carnes de Ganado Equino                              | 8.6            | 8.6            | 9.4            | 9.0            | 12.4           | 13.6           | 12.5           | 11.2            | 8.0             | 4.9            |
| Conservas de Pescados y Mariscos                     | 15.4           | 15.9           | 12.2           | 15.3           | 38.4           | 37.2           | 44.0           | 33.5            | 28.0            | 12.5           |
| Extractos Alcohólicos Concentrados                   | 10.6           | 6.9            | 10.0           | 13.3           | 12.0           | 3.2            | 12.5           | 9.0             | 13.3            | 10.5           |
| Extractos de Café                                    | 7.1            | 16.4           | 19.9           | 27.0           | 58.3           | 39.9           | 104.6          | 139.0           | 137.3           | 106.1          |
| Frescos Conielados, con o sin Azúcar                 | 45.5           | 34.3           | 38.7           | 46.5           | 46.5           | 39.6           | 40.1           | 65.2            | 39.7            | 1.7            |
| Jugo de Naranja                                      | 64.4           | 13.8           | 36.5           | 72.6           | 121.3          | 87.8           | 67.1           | 138.8           | 84.9            | 57.3           |
| Jugo de Piña                                         | 17.8           | 2.7            | 0.4            | 0.8            | 1.7            | 2.6            | 10.5           | 3.8             | 3.8             | 1.8            |
| Langosta Congelada                                   | 25.8           | 15.7           | 22.0           | 22.0           | 15.4           | 15.4           | 10.1           | 7.3             | 8.7             | 6.4            |
| Legumbres y Frutas Preparadas y/o en Conservas       | 351.5          | 364.5          | 396.9          | 410.5          | 409.4          | 431.4          | 486.2          | 558.1           | 601.0           | 439.3          |
| Manteca de Cacao                                     | 9.2            | 7.2            | 9.7            | 7.6            | 17.0           | 10.9           | 6.4            | 6.4             | 11.3            | 4.6            |
| Mielles Incristalizables de Caña de Azúcar           | 15.9           | 1.8            | 8.0            | 15.3           | 38.4           | 37.2           | 10.8           | 11.0            | 2.9             | 1.3            |
| Otros Jucos de Frutas                                | 25.3           | 34.0           | 36.3           | 42.9           | 42.6           | 65.8           | 74.0           | 95.8            | 92.5            | 73.1           |
| Pasta, Puré o Jugo de Tomate                         | 2.8            | 1.0            | 1.3            | 1.4            | 0.7            | 0.7            | 0.9            | 5.4             | 0.9             | 1.9            |
| Piña en Almibar o en Su Jugo                         | 4.1            | 5.4            | 2.2            | 1.0            | 1.8            | 3.3            | 1.5            | 2.6             | 2.6             | 1.0            |
| Tequila y Otros Aguardientes                         | 145.0          | 166.0          | 202.6          | 221.2          | 236.1          | 281.4          | 344.2          | 418.2           | 417.0           | 501.9          |
| Otros                                                | 465.1          | 539.1          | 689.0          | 808.1          | 938.9          | 1,148.2        | 1,326.0        | 1,580.5         | 1,793.3         | 1,402.5        |
| <b>Balanza Agroalimentaria</b>                       | <b>1,874.0</b> | <b>399.7</b>   | <b>1,649.8</b> | <b>1,292.0</b> | <b>5,252.9</b> | <b>3,415.3</b> | <b>4,383.4</b> | <b>4,544.0</b>  | <b>4,711.7</b>  | <b>3,715.4</b> |

Nota: Los datos para el año 2000, corresponden al mes de Octubre.

**SECTOR AGROPECUARIO**  
**CUADRO 51.1**  
**México: Balanza agroalimentaria 1981-1998**  
(Tasas de crecimiento anual)

| Productos                           | 1981 | 1982  | 1983   | 1984    | 1985    | 1986   | 1987    | 1988    | 1989   | 1990     | 1991  | 1992  | 1993  | 1994  | 1995  | 1996   | 1997   | 1998  |       |
|-------------------------------------|------|-------|--------|---------|---------|--------|---------|---------|--------|----------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| Importación Total                   |      | 9.5   | -48.9  | 24.5    | 6.8     | -11.1  | -32.4   | 9.8     | 91.6   | 33.6     | 18.2  | 0.3   | 30.0  | -3.3  | 22.9  | -28.5  | 48.0   | -0.4  | 12.2  |
| Agricultura y Silvicultura          |      | 17.0  | -58.0  | 74.9    | 4.6     | -23.6  | -39.5   | 23.9    | 43.9   | 25.1     | 4.8   | -7.8  | 42.4  | -3.2  | 28.8  | -17.2  | 75.3   | -15.8 | 17.0  |
| Caucho natural                      |      | -7.3  | -31.8  | -0.7    | 21.5    | -5.9   | -15.8   | 31.6    | 17.6   | 4.4      | -17.5 | 18.2  | -12.7 | -4.5  | 25.2  | 30.7   | 16.2   | -4.3  | -16.3 |
| Otras semillas y frutas oleaginosas |      | 18.1  | 36.3   | -31.5   | 72.7    | -11.3  | -30.8   | -22.5   | 11.7   | 9.9      | 12.8  | 48.6  | -5.4  | 13.5  | 14.9  | 3.0    | 47.8   | -10.7 | 18.7  |
| Maíz                                |      | -23.9 | -91.6  | 1,568.4 | -40.9   | -32.0  | -34.9   | 71.1    | 38.7   | 11.9     | -1.4  | -58.9 | 2.2   | -63.4 | 450.7 | 1.1    | 184.7  | -66.2 | 73.7  |
| Trigo                               |      | 31.3  | -59.3  | -32.2   | -30.5   | -24.4  | -35.5   | 85.0    | 270.3  | -48.9    | -34.3 | 45.7  | 144.8 | 42.1  | -18.9 | 14.8   | 96.8   | -28.4 | 11.0  |
| Frijol                              |      | 40.2  | -71.0  | -99.0   | 3,200.0 | 69.7   | 48.2    | -78.3   | -11.1  | 425.0    | 201.2 | -92.9 | -88.9 | 150.0 | 660.0 | -60.5  | 473.3  | -36.7 | 137.9 |
| Frutas frescas o secas              |      |       |        | -90.9   | 100.0   | 200.0  | -16.7   | 20.0    | 66.7   | 270.0    | 21.6  | 73.3  | 42.3  | 65.8  | 78.3  | -59.5  | 9.0    | 21.8  | 24.7  |
| Hortalizas frescas                  |      |       |        | 48.0    | 51.4    | -66.1  | -63.2   | 0.0     | 28.6   | 88.9     | 52.9  | 50.0  | 28.2  | -16.0 | -7.1  | -48.7  | 100.0  | -8.0  | 26.6  |
| Soya                                |      | 168.0 | -56.1  | 39.8    | 85.2    | -31.8  | -39.2   | 31.5    | 71.1   | -13.2    | -33.4 | 60.3  | 46.9  | 2.1   | 22.4  | -15.3  | 65.5   | 15.0  | -16.5 |
| Sorgo                               |      | 38.1  | -54.9  | 122.8   | -16.3   | -27.2  | -70.5   | -21.0   | 124.2  | 132.8    | 9.1   | 3.0   | 49.8  | -29.8 | 3.8   | -35.6  | 30.2   | -20.0 | 31.6  |
| Otros                               |      | -18.4 | -65.3  | -23.3   | 142.1   | -1.9   | -46.8   | 150.3   | -27.1  | 97.9     | 0.6   | 11.6  | 108.0 | 4.5   | 9.1   | -16.1  | 51.8   | 15.5  | 24.1  |
| Ganadería, Apicultura y Pesca       |      | 53.9  | -20.7  | -53.5   | 130.0   | 69.0   | -50.5   | -10.4   | 172.5  | -31.9    | -5.9  | 83.9  | 3.0   | -32.3 | 22.4  | -56.4  | 96.8   | 57.8  | -3.9  |
| Ganado vacuno                       |      |       |        | -9.3    | 1.9     | 245.9  | -48.4   | -50.0   | 451.5  | -52.2    | -18.4 | 157.7 | 9.3   | -52.5 | 48.4  | -83.7  | 300.0  | 111.2 | -23.8 |
| Alimentos y Bebidas                 |      | -7.9  | -35.9  | -23.7   | -5.1    | 1.6    | -3.3    | -6.3    | 168.0  | 63.3     | 33.0  | -1.6  | 26.6  | 0.6   | 18.9  | -34.4  | 19.1   | 15.1  | 9.6   |
| Leche en polvo                      |      | -18.5 | -26.4  | 32.1    | -20.6   | 20.0   | 14.7    | 15.4    | 77.8   | 95.8     | 18.1  | -80.5 | 243.5 | 9.7   | -34.9 | 0.8    | 37.8   | -8.7  | -25.2 |
| Leche evaporada o condensada        |      | 124.6 | -44.8  | -94.4   | 3.9     | 64.9   | -20.5   | -58.5   | -43.6  | -12.1    | 97.0  | -49.2 | 138.1 | -18.6 | 98.9  | -74.0  | 53.3   | 24.9  | 50.6  |
| Azúcar                              |      | -34.1 | -60.8  | 32.6    | -61.0   | 12.3   | -92.7   | 3,133.3 | -99.5  | 17,600.0 | 150.3 | -40.9 | -85.9 | -40.5 | 27.3  | -39.3  | 458.8  | -76.3 | -48.4 |
| Carnes frescas o refrigeradas       |      |       |        | -66.0   | 181.3   | 113.3  | -46.9   | -11.8   | 506.7  | 8.8      | 1.7   | 101.7 | 14.0  | -17.9 | 35.6  | -49.2  | 32.3   | 48.9  | 20.7  |
| Exportación Total                   |      | -6.0  | -10.4  | -1.6    | 19.5    | -5.5   | 40.6    | -6.3    | 5.9    | -0.9     | 7.8   | 18.3  | -8.3  | 17.7  | 11.7  | 43.1   | -0.3   | 9.6   | 2.2   |
| Agricultura y Silvicultura          |      | -1.9  | -20.4  | -11.9   | 35.1    | -9.3   | 50.2    | -27.2   | 8.0    | 4.4      | 17.8  | 9.1   | -10.5 | 16.8  | 13.3  | 49.6   | -3.8   | 6.6   | 0.8   |
| Algodón                             |      | -2.5  | -40.5  | -37.1   | 79.9    | -56.7  | -17.8   | -3.4    | 57.2   | -0.4     | -18.1 | -16.2 | -59.4 | -70.5 | 358.6 | 301.8  | -11.7  | -26.2 | -50.7 |
| Café en grano                       |      | -20.9 | 3.3    | 3.9     | 18.3    | 15.8   | 67.7    | -40.3   | -11.7  | 18.1     | -35.2 | 10.6  | -29.9 | -2.1  | 42.3  | 96.3   | -4.1   | 22.1  | -23.2 |
| Melón y Sandía                      |      | -19.9 | -32.2  | -43.8   | 94.7    | 1.6    | 33.7    | 38.2    | -17.6  | 72.2     | -27.9 | 57.2  | -37.3 | -27.4 | 37.7  | 28.3   | 12.1   | 9.4   | 7.9   |
| Frutas frescas o secas              |      | -20.3 | 14.3   | -34.7   | 74.5    | 9.8    | 30.0    | 35.0    | 5.7    | 27.5     | 15.0  | 82.0  | -5.8  | -2.4  | 14.9  | 18.9   | -15.7  | -10.4 | 21.5  |
| Legumbres y hortalizas frescas      |      | 17.2  | -10.1  | -16.3   | 20.1    | -9.5   | 22.2    | 20.2    | 13.0   | -26.8    | 118.3 | 13.7  | 12.7  | 18.5  | 5.5   | 34.8   | -20.1  | 24.7  | 21.1  |
| Jitomate                            |      | 50.6  | -38.4  | -27.3   | 97.3    | -3.2   | 90.7    | -51.0   | 21.5   | -18.1    | 115.1 | -38.8 | -36.3 | 136.5 | 0.0   | 48.1   | -7.9   | -3.0  | 22.0  |
| Otros                               |      | -6.5  | -24.7  | 32.5    | -10.0   | -38.8  | 4.6     | -49.6   | 114.0  | 1.2      | 1.9   | -9.7  | 74.9  | 8.5   | -0.8  | 47.9   | 88.9   | -6.1  | 2.6   |
| Ganadería, Apicultura y Pesca       |      | -16.1 | 27.9   | 60.9    | -30.4   | 45.0   | 43.1    | -27.2   | 6.2    | 2.5      | 59.2  | 27.1  | -12.6 | 25.4  | -15.7 | 51.3   | -42.9  | 5.8   | -13.8 |
| Ganado vacuno                       |      | -17.7 | 66.2   | 55.6    | -33.3   | 67.0   | 41.7    | -27.5   | 5.7    | 4.4      | 64.6  | 2.6   | -8.1  | 36.2  | -19.2 | 48.1   | -76.1  | 54.7  | 6.0   |
| Alimentos y Bebidas                 |      | -12.0 | 4.1    | 2.5     | 13.4    | -8.6   | 24.8    | 40.1    | 3.8    | -7.0     | -13.6 | 29.8  | -3.9  | 16.5  | 19.2  | 33.4   | 15.9   | 13.4  | 5.5   |
| Camarón congelado                   |      | -8.9  | 6.0    | 3.2     | 5.6     | -19.7  | 18.9    | 13.3    | -14.7  | -8.8     | -40.1 | 19.2  | -13.6 | 41.6  | 13.1  | 38.3   | -14.3  | 20.9  | 2.7   |
| Fresas congeladas                   |      | 37.9  | -26.3  | -13.2   | 16.0    | -40.5  | 28.3    | 88.7    | -37.1  | -5.0     | 88.2  | -11.1 | -24.6 | 9.2   | 24.5  | 49.1   | -39.4  | 4.1   | 4.2   |
| Legumbres y frutas preparadas       |      | -5.7  | 18.6   | -12.6   | 25.4    | -1.3   | 7.8     | 21.9    | 13.1   | 36.9     | 2.5   | 55.8  | 4.0   | 3.0   | 9.2   | 5.4    | 6.9    | 11.8  | 7.9   |
| Mieles incristalizables             |      | -82.8 | 50.2   | -2.5    | 22.6    | -7.3   | 101.1   | 17.9    | -30.3  | -51.0    | -37.7 | -16.5 | -73.4 | 336.5 | 96.7  | 162.7  | -1.4   | -71.2 | 735.8 |
| Tequila                             |      | 18.9  | -12.5  | 9.7     | 1.5     | -7.7   | 13.4    | 12.6    | 16.0   | 26.8     | 18.9  | 14.9  | 14.6  | 18.5  | 12.3  | 348.6  | 24.3   | 14.4  | 11.9  |
| Otros                               |      | -16.8 | 3.2    | 7.3     | 25.6    | 8.4    | 34.3    | 73.2    | 16.9   | -14.1    | -10.3 | 31.5  | -4.6  | 13.5  | 25.0  | -8.4   | 30.1   | 13.0  | 3.1   |
| Balanza Agroalimentaria             |      | 49.6  | -111.0 | -319.0  | -68.0   | -135.0 | 4,330.6 | -20.8   | -100.4 | 20,760.0 | 48.0  | -37.0 | 179.5 | -30.3 | 47.0  | -146.1 | -198.3 | -51.9 | 130.3 |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos del INEGI y Banco de México, Noviembre del 2000.



## SECTOR AGROPECUARIO

CUADRO 51.2  
México: Balanza agroalimentaria 1992-2000  
(Tasas de crecimiento anual)

| PRODUCTOS                                            | 1992         | 1993         | 1994        | 1995          | 1996          | 1997         | 1998         | 1999         | 2000        |
|------------------------------------------------------|--------------|--------------|-------------|---------------|---------------|--------------|--------------|--------------|-------------|
| <b>Importación Total</b>                             | <b>30.0</b>  | <b>-3.3</b>  | <b>22.9</b> | <b>-28.5</b>  | <b>48.1</b>   | <b>0.4</b>   | <b>12.2</b>  | <b>0.7</b>   | <b>-8.9</b> |
| Agricultura y Silvicultura                           | 4.4          | -3.2         | 20.5        | -17.2         | 19.4          | 17.0         | -19.9        | -2.9         | -12.9       |
| Caucho Natural                                       | -12.7        | -4.4         | 25.0        | 30.8          | 15.7          | -4.4         | -16.0        | -19.1        | -7.2        |
| Cebada en Grano                                      | 69.9         | -22.4        | -50.4       | 96.5          | 418.0         | -53.4        | 26.8         | -3.7         | -33.7       |
| Especies Diversas                                    | 29.6         | -25.5        | -15.4       | 27.8          | 1.2           | 25.2         | -3.2         | 22.8         | 1.5         |
| Frijol                                               | -88.1        | 150.0        | -61.0       | -67.3         | 477.3         | -38.0        | 141.0        | -44.7        | -62.0       |
| Frutas Frescas o Secas                               | 55.0         | 51.6         | 56.7        | -53.9         | 9.5           | 21.8         | 24.2         | 39.1         | 7.3         |
| Hortalizas Frescas                                   | 31.0         | -17.9        | -81.0       | -96.5         | -96.5         | 26.0         | -7.8         | -7.3         | -14.4       |
| Madera Urdiana                                       | 19.9         | -35.3        | 28.3        | -57.6         | -13.5         | 105.6        | 36.8         | -30.4        | 33.0        |
| Maíz                                                 | 3.4          | -62.8        | 439.0       | -5.7          | 194.5         | -66.1        | 73.6         | -3.8         | -23.0       |
| Otros Forrajes y Pasturas                            | 105.6        | 102.0        | -23.9       | -38.8         | 362.9         | 45.2         | 11.9         | 6.6          | -10.5       |
| Otras Semillas y Frutos Oleaginosos                  | -5.4         | 13.5         | 15.0        | 3.0           | 48.0          | -10.6        | 19.5         | -6.2         | -25.4       |
| Semilla de Algodón                                   | 105.6        | 39.8         | 5.7         | -6.0          | 45.2          | 39.5         | 37.9         | -36.7        | 21.6        |
| Semilla de Soya                                      | 47.0         | 2.1          | 22.5        | -15.4         | 65.4          | 15.0         | -16.5        | -39.0        | -14.4       |
| Sorgo                                                | 49.8         | -29.8        | -3.8        | -26.5         | 29.9          | -20.2        | 32.4         | 22.3         | -9.1        |
| Uva                                                  | 144.2        | 42.2         | -18.7       | 14.7          | -36.6         | -26.1        | 10.7         | -0.8         | -23.1       |
| Otros                                                | 104.4        | -3.6         | 32.9        | -31.5         | 42.1          | 5.0          | 6.1          | 10.9         | -16.9       |
| Ganadería, Agricultura y Pesca                       | 3.0          | -32.4        | 22.5        | -56.4         | 97.8          | 58.3         | -4.5         | -8.0         | -11.5       |
| Ganado Vacuno                                        | 8.8          | -62.1        | 48.5        | -83.9         | 302.6         | 112.4        | -23.7        | -12.1        | 6.1         |
| Lana sin Cardar ni Peinar                            | -1.3         | -3.4         | 6.4         | 2.7           | -48.7         | 53.1         | -15.0        | -69.2        | 78.4        |
| Hues y Cueros sin Curtir                             | -1.3         | -19.4        | -2.5        | -39.4         | 124.8         | -2.7         | -4.8         | -25.8        | 1.5         |
| Otros                                                | -3.0         | -21.9        | 21.8        | -51.5         | 46.5          | 44.1         | 23.4         | -12.1        | -13.4       |
| Caza y Pesca                                         | 52.9         | 18.0         | 66.2        | -35.6         | 0.6           | 58.6         | 39.6         | 21.1         | -11.5       |
| <b>Alimentos, Bebidas y Tabaco</b>                   | <b>26.6</b>  | <b>0.6</b>   | <b>18.9</b> | <b>-34.4</b>  | <b>19.0</b>   | <b>15.1</b>  | <b>6.0</b>   | <b>-4.9</b>  |             |
| Acetate de Soya                                      | 84.6         | 20.5         | 3.0         | -7.0          | 18.0          | 15.5         | 28.7         | -27.6        | -27.6       |
| Acetate Fijos de Coco                                | 47.7         | -26.7        | -48.7       | -32.2         | -54.2         | -54.8        | -59.5        | -59.5        | -59.5       |
| Alimento Preparado para Animales                     | 38.6         | -21.1        | 49.0        | -31.5         | 7.4           | -13.7        | 34.8         | 14.9         | -13.9       |
| Azúcar                                               | -85.0        | -44.9        | -28.0       | -40.6         | -46.4         | -51.1        | -14.7        | -31.6        | -31.6       |
| Carnes Frescas o Heterogéneas                        | 12.3         | -19.5        | -2.7        | -49.2         | 32.3          | 49.3         | 20.6         | 11.5         | -21.5       |
| Conservas Animales Alimenticias                      | 47.0         | 83.4         | 55.5        | -56.2         | -3.2          | 29.2         | 5.2          | -3.9         | 10.3        |
| Conservas Vegetales Alimenticias                     | 75.0         | 14.8         | 40.7        | -32.8         | -30.7         | 9.3          | 27.9         | 15.7         | 15.7        |
| Frutas Conservadas y Deshidratadas                   | 77.4         | -7.6         | 44.5        | -58.2         | 44.6          | -20.5        | -13.5        | 48.0         | 49.9        |
| Harnas de Animales Marinos                           | 87.4         | 82.0         | -20.4       | -71.3         | -17.6         | 119.7        | -9.7         | -5.0         | -4.9        |
| Harnas de Soya y Otras Semillas y Frutos Oleaginosos | 10.3         | -9.4         | 92.3        | -62.5         | -36.0         | 177.8        | -86.0        | 6.0          | 6.0         |
| Leche en Polvo                                       | 242.8        | 9.6          | -34.9       | 0.6           | 38.4          | -9.1         | -26.0        | -10.7        | -7.5        |
| Leche Evaporada o Condensada                         | 187.5        | -21.7        | 116.7       | -87.2         | 80.0          | 22.2         | 154.5        | 82.1         | 51.0        |
| Licores y Aguardientes                               | 62.6         | 2.9          | 4.9         | -10.8         | 20.2          | 9.1          | 30.9         | 32.4         | 32.4        |
| Mantequilla de Cerdo                                 | 18.4         | 7.4          | 40.5        | -8.5          | -6.5          | -10.6        | -10.6        | -17.8        | -37.4       |
| Mantequilla Natural                                  | 21.9         | -2.4         | -8.8        | -28.3         | 2.7           | 4.1          | 8.1          | 24.5         | -39.1       |
| Mayonesa y Salsas                                    | 36.0         | 28.7         | 28.7        | 8.7           | 17.6          | 1.0          | 1.0          | 1.0          | 1.0         |
| Otros Aceites y Grasas Animales y Vegetales          | -8.6         | 2.6          | 33.8        | 6.5           | -4.8          | 2.7          | 0.6          | -4.0         | -28.3       |
| Hues Comestibles de Cerdo                            | 5.0          | 1.9          | 0.4         | -34.9         | 37.4          | 12.9         | -8.1         | -8.4         | 12.9        |
| Pescados y Mariscos en Conserva                      | 12.8         | 32.5         | 32.5        | -38.9         | -15.4         | 0.0          | 88.8         | 0.0          | -27.8       |
| Preparados Alimenticios Especiales                   | 58.4         | 19.0         | 15.7        | -44.3         | 30.8          | 27.2         | 20.2         | 29.2         | -3.5        |
| Sabores de Especies Bioma, Uvina y Caprina           | -0.4         | -20.3        | 19.6        | 19.0          | 30.7          | 3.7          | 30.7         | -26.0        | -26.0       |
| Vinos Espumosos, Jintos y Blancos                    | 49.9         | -19.8        | -45.0       | -6.9          | -6.7          | -6.7         | -6.7         | -6.7         | -6.7        |
| Otros                                                | 51.4         | 7.9          | 26.8        | -42.9         | 15.7          | 24.1         | 8.9          | 8.6          | -5.6        |
| <b>Exportación Total</b>                             | <b>8.3</b>   | <b>11.7</b>  | <b>11.7</b> | <b>43.2</b>   | <b>0.4</b>    | <b>9.7</b>   | <b>2.2</b>   | <b>5.7</b>   | <b>-9.5</b> |
| Agricultura y Silvicultura                           | -10.5        | 16.8         | 13.3        | 49.7          | -3.8          | 6.5          | 0.9          | 1.1          | -10.0       |
| Algodón                                              | -59.2        | -70.6        | 367.6       | 303.6         | -12.1         | -25.7        | -50.8        | 0.2          | -56.6       |
| Almendra de Ajonjolí                                 | 0.0          | 0.0          | 0.0         | 0.0           | 0.0           | 0.0          | 0.0          | 0.0          | 0.0         |
| Arroz                                                | 0.0          | 0.0          | 0.0         | 0.0           | 0.0           | -100.0       | 0.0          | -30.0        | -100.0      |
| Borra de Algodón                                     | -57.7        | -54.5        | -80.0       | 6,200.0       | -19.0         | 62.7         | 2.4          | -84.7        | -84.6       |
| Cacao                                                | 0.0          | -15.8        | 0.0         | -26.0         | -31.9         | 86.7         | -48.2        | -26.2        | -26.2       |
| Café Crudo en Grano                                  | -24.9        | -2.1         | 42.3        | 56.3          | -3.9          | 21.9         | -25.3        | -5.8         | -1.5        |
| Café Vegetal                                         | -5.0         | 86.4         | -6.5        | -46.7         | -56.5         | 189.2        | 62.9         | -44.0        | -44.0       |
| Colodina                                             | -50.0        | 22.0         | -2.1        | 0.0           | -80.9         | 150.0        | -44.4        | -60.0        | -60.0       |
| Chicle                                               | 31.0         | -62.6        | 33.3        | -33.3         | -56.3         | -100.0       | 0.0          | 0.0          | 0.0         |
| Especies Diversas                                    | 0.0          | -7.4         | 62.0        | -72.0         | -72.0         | 25.0         | 27.1         | 12.7         | 12.7        |
| Frutas Frescas                                       | -41.1        | 79.5         | 43.8        | 39.4          | 23.2          | -50.3        | 154.6        | -6.9         | -24.3       |
| Frijol                                               | 1575.0       | -61.2        | 696.2       | -14.5         | -80.2         | 34.3         | -48.9        | 4.2          | -12.0       |
| Garbanzo                                             | 10.9         | -24.5        | 88.0        | 43.9          | -39.7         | 24.7         | 7.7          | 53.9         | 7.7         |
| Grillo de Lechuguilla                                | 1.0          | 19.7         | -20.7       | -21.8         | -6.8          | -6.8         | -6.2         | -10.2        | 0.8         |
| Jitomate                                             | -36.3        | 136.8        | -0.2        | 48.5          | -7.9          | -2.9         | 12.5         | -9.2         | -27.5       |
| Legumbres y Hortalizas Frescas                       | 12.6         | 15.6         | 6.5         | -24.8         | 16.4          | 7.7          | 15.1         | 1.7          | -14.8       |
| Maíz                                                 | -3.6         | 122.2        | -26.7       | 197.7         | 32.8          | 19.0         | 0.5          | -77.1        | -64.3       |
| Mejón y Sandía                                       | -37.2        | -27.5        | 37.5        | 28.4          | 13.1          | 7.7          | -2.7         | -25.4        | -25.9       |
| Otras Frutas Frescas                                 | 1.1          | 1.1          | 8.5         | 14.7          | 4.1           | 9.7          | 1.7          | 1.7          | 1.7         |
| Haíces y Tallos de Brezo, Mijo o Sorgo               | 0.0          | 300.0        | 775.0       | 0.0           | -31.4         | 4.2          | 84.0         | -21.7        | -11.1       |
| Semilla de Ajonjolí                                  | -24.3        | -37.4        | 0.0         | -36.0         | 45.2          | 18.9         | 0.0          | -12.6        | -23.1       |
| Simente de Ingo Certificada                          | 0.0          | 0.0          | 0.0         | -38.0         | 0.0           | 0.0          | 0.0          | 0.0          | 0.0         |
| Tabaco en Rama                                       | -88.2        | 182.3        | -36.7       | 0.8           | 74.0          | -6.8         | 1.2          | -14.4        | -22.4       |
| Uva                                                  | 0.0          | 0.0          | 0.0         | 389.6         | -69.7         | 248.5        | -64.3        | 67.3         | 62.6        |
| Otros                                                | -36.2        | -14.7        | 4.2         | 15.3          | 18.8          | 12.4         | -5.2         | 4.7          | -5.6        |
| Ganadería, Agricultura y Pesca                       | -12.5        | 25.4         | -15.8       | 51.5          | -43.0         | 6.8          | -14.4        | 25.4         | -3.1        |
| Ganado Vacuno                                        | -8.1         | 36.1         | -19.3       | 48.2          | -76.3         | 56.7         | 1.4          | 43.5         | -3.6        |
| Miel de Abeja                                        | -24.4        | -11.8        | -17.3       | 10.4          | 58.0          | -17.0        | 2.2          | -39.1        | 22.2        |
| Otros                                                | 17.6         | 3.3          | -9.7        | 114.3         | -7.5          | -25.2        | 25.3         | 19.2         | -16.1       |
| Camarón Fresco Heterogéneo                           | -100.0       | 0.0          | -60.0       | 200.0         | 8,200.0       | -47.0        | -80.3        | -11.5        | -86.5       |
| Langosta Fresca Heterogénea                          | 30.0         | 376.9        | 87.1        | 75.9          | -14.7         | -31.6        | 33.6         | 6.3          | 6.3         |
| Pescados y Mariscos Frescos                          | -29.7        | -10.3        | -0.3        | 46.2          | 111.7         | -83.2        | -8.2         | 4.7          | -16.1       |
| Otros                                                | -20.6        | -5.6         | 12.4        | 146.4         | 8.0           | -19.4        | -17.6        | -26.6        | -16.1       |
| <b>Alimentos, Bebidas y Tabaco</b>                   | <b>-3.9</b>  | <b>16.4</b>  | <b>19.2</b> | <b>33.5</b>   | <b>15.7</b>   | <b>13.6</b>  | <b>5.5</b>   | <b>8.1</b>   | <b>-9.8</b> |
| Abulón en Conserva                                   | 10.1         | -14.7        | 3.9         | 17.6          | 39.6          | -11.6        | -56.9        | -6.9         | 10.7        |
| Ates y Mermeladas de Frutas                          | 8.8          | -48.6        | 5.3         | 25.0          | 24.0          | 36.7         | 67.4         | 16.7         | 0.0         |
| Atún Connelado                                       | 6.5          | -100.0       | 0.0         | -11.4         | -11.9         | -8.4         | -50.2        | -88.6        | -88.6       |
| Azúcar                                               | -93.8        | -100.0       | 0.0         | 83,000.0      | 163.0         | -36.2        | -56.5        | -70.8        | -56.5       |
| Camarón Connelado                                    | -13.6        | 41.5         | 13.1        | 38.3          | 20.6          | -14.0        | -3.4         | -22.3        | -22.3       |
| Caneva                                               | -11.9        | -3.5         | 18.3        | 32.7          | 20.9          | 26.5         | 17.1         | 6.8          | 6.8         |
| Café Tostado                                         | -39.9        | 32.4         | 69.7        | 18.6          | 8.9           | 34.3         | -20.0        | -26.1        | -30.2       |
| Carnes de Ganado, Excepto Equino                     | 111.8        | -21.8        | -21.7       | 136.2         | 32.2          | 52.4         | 5.2          | -5.4         | -5.4        |
| Carnes de Ganado Equino                              | 0.0          | 6.6          | -1.5        | 45.3          | 10.8          | -8.7         | -25.3        | -33.9        | -33.9       |
| Conservas de Pescados y Mariscos                     | 2.9          | -14.2        | -4.4        | 47.1          | 156.3         | 0.9          | -29.7        | -12.7        | -29.1       |
| Extractos Alcohólicos Concentrados                   | -33.8        | 40.8         | 36.2        | -73.3         | -31.9         | 291.7        | 53.1         | -15.3        | -15.3       |
| Extractos de Café                                    | 132.0        | 18.1         | 39.4        | -30.5         | 160.1         | 24.9         | 2.5          | -17.0        | -17.0       |
| Fresas Conneladas, con o sin Azúcar                  | -24.5        | 9.5          | 23.7        | 49.5          | -40.4         | 2.0          | -5.0         | 88.7         | -29.6       |
| Jugo de Naranja                                      | -70.5        | 196.1        | 104.8       | -26.5         | -26.5         | 94.7         | -24.5        | -27.6        | -27.6       |
| Jugo de Piña                                         | -84.9        | -84.2        | 100.0       | 116.7         | 53.8          | -35.0        | 489.2        | -62.2        | -60.0       |
| Langosta Congelada                                   | -24.5        | -5.4         | 48.6        | 7.1           | -29.9         | -35.0        | -31.6        | 23.1         | -32.8       |
| Legumbres y Frutas Preparadas v/o en Conservas       | 4.0          | 9.2          | 6.4         | 9.2           | 11.6          | 11.6         | 11.6         | 11.6         | 11.6        |
| Mantequilla de Cacao                                 | -21.5        | 31.4         | -19.4       | 135.2         | -34.6         | -16.9        | -34.8        | 84.4         | -86.6       |
| Mieles Incristalizables de Caña de Azúcar            | -73.5        | 323.1        | 96.4        | 165.7         | -1.4          | -17.4        | -3.7         | -73.1        | -14.3       |
| Otros Jutos de Frutas                                | -34.6        | -37.7        | 21.6        | -21.6         | 4.9           | 11.4         | 0.3          | 15.1         | 15.1        |
| Pasta, Puré o Jugo de Tomate                         | -86.0        | 28.6         | 11.1        | -50.0         | 80.0          | -22.2        | 442.9        | 0.0          | -80.5       |
| Piña en Almibar o en Su Jugo                         | 6.9          | -46.2        | -58.8       | 71.4          | 106.3         | -56.0        | 136.4        | -26.9        | -57.9       |
| Tequila y Otros Aguardientes                         | 14.8         | 19.4         | 12.3        | 12.8          | 21.1          | 14.2         | 14.2         | 14.2         | 14.2        |
| Otros                                                | 16.2         | 20.4         | 24.3        | 22.8          | 24.2          | 14.4         | 12.1         | 17.8         | -16.0       |
| <b>Balanza Agroalimentaria</b>                       | <b>179.6</b> | <b>-30.2</b> | <b>47.1</b> | <b>-146.1</b> | <b>-198.7</b> | <b>-52.0</b> | <b>129.9</b> | <b>-33.6</b> | <b>4.2</b>  |

Nota: Los datos para el año 2000, corresponden al mes de Octubre.

Fuente: Elaborado por el CEPP de la Honorable Cámara de Diputados en base a datos de la SHCP, Banco de México, SECOFI e INEGI.

**SECTOR AGROPECUARIO**  
CUADRO 52.1  
**México: Balanza agroalimentaria 1980-1998**  
(Porcentajes)

| Productos                           | 1980  | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  | 1995  | 1996  | 1997  | 1998  |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Importación Total</b>            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Agricultura y Silvicultura          | 59.0  | 63.0  | 51.8  | 72.8  | 71.3  | 61.3  | 54.9  | 61.9  | 46.5  | 43.5  | 38.5  | 35.4  | 38.8  | 38.8  | 40.7  | 47.1  | 55.8  | 47.2  | 49.2  |
| Caucho natural                      | 2.3   | 2.0   | 2.6   | 2.1   | 2.4   | 2.5   | 3.1   | 3.7   | 2.3   | 1.8   | 1.3   | 1.5   | 1.0   | 1.0   | 1.0   | 1.8   | 1.4   | 1.4   | 1.0   |
| Otras semillas y frutas oleaginosas | 3.9   | 4.3   | 11.3  | 6.2   | 10.1  | 10.1  | 10.3  | 7.3   | 4.2   | 3.5   | 3.3   | 4.9   | 3.6   | 4.2   | 3.9   | 5.7   | 5.7   | 5.1   | 5.4   |
| Maíz                                | 18.6  | 12.9  | 2.1   | 28.5  | 15.8  | 12.1  | 11.6  | 18.1  | 13.1  | 11.0  | 9.2   | 3.8   | 3.0   | 1.1   | 5.0   | 7.1   | 13.6  | 4.6   | 7.2   |
| Trigo                               | 5.1   | 6.1   | 4.9   | 2.6   | 1.7   | 1.5   | 1.4   | 2.4   | 4.6   | 1.7   | 1.0   | 1.4   | 2.6   | 3.9   | 2.6   | 4.1   | 5.5   | 3.9   | 3.9   |
| Frijol                              | 7.5   | 9.7   | 5.5   | 0.0   | 1.4   | 2.6   | 5.8   | 1.1   | 0.5   | 2.1   | 5.3   | 0.4   | 0.0   | 0.1   | 0.5   | 0.3   | 1.1   | 0.7   | 1.5   |
| Frutas frescas o secas              | nd    | nd    | 0.6   | 0.0   | 0.1   | 0.3   | 0.3   | 0.4   | 0.3   | 0.9   | 0.9   | 1.6   | 1.8   | 3.1   | 4.5   | 2.5   | 1.9   | 2.3   | 2.5   |
| Hortalizas frescas                  | nd    | nd    | 1.4   | 1.7   | 2.4   | 0.9   | 0.5   | 0.4   | 0.3   | 0.4   | 0.5   | 0.8   | 0.8   | 0.7   | 0.5   | 0.4   | 0.5   | 0.5   | 0.5   |
| Soya                                | 4.1   | 10.1  | 8.7   | 9.8   | 16.9  | 13.0  | 11.7  | 14.0  | 12.5  | 8.1   | 4.6   | 7.3   | 8.3   | 8.7   | 8.7   | 10.3  | 11.5  | 13.3  | 9.9   |
| Sorgo                               | 9.8   | 12.3  | 10.9  | 19.5  | 15.3  | 12.5  | 5.5   | 3.9   | 4.6   | 8.0   | 7.4   | 7.6   | 8.8   | 6.3   | 5.4   | 4.8   | 4.3   | 3.4   | 4.0   |
| Otros                               | 7.5   | 5.6   | 3.8   | 2.3   | 5.3   | 5.9   | 4.6   | 10.5  | 4.0   | 5.9   | 5.0   | 5.6   | 9.0   | 9.7   | 8.6   | 10.1  | 10.3  | 12.0  | 13.3  |
| Ganadería, Apicultura y Pesca       | 4.4   | 6.2   | 9.6   | 3.6   | 7.7   | 14.7  | 10.8  | 8.8   | 12.5  | 6.4   | 5.1   | 9.3   | 7.4   | 5.2   | 5.1   | 3.1   | 4.2   | 6.6   | 5.7   |
| Ganado vacuno                       | nd    | nd    | 2.2   | 1.6   | 1.6   | 6.1   | 4.6   | 2.1   | 6.1   | 2.2   | 1.5   | 3.8   | 3.2   | 1.6   | 1.9   | 0.4   | 1.2   | 2.5   | 1.7   |
| Alimentos y Bebidas                 | 36.6  | 30.8  | 38.6  | 23.7  | 21.0  | 24.0  | 34.4  | 29.3  | 41.0  | 50.1  | 56.4  | 55.3  | 53.9  | 56.0  | 54.2  | 49.7  | 40.0  | 46.2  | 45.2  |
| Leche en polvo                      | 4.2   | 3.1   | 4.5   | 4.8   | 3.6   | 4.8   | 8.2   | 8.6   | 8.0   | 11.7  | 11.7  | 2.3   | 6.0   | 6.8   | 3.6   | 5.1   | 4.7   | 4.3   | 2.9   |
| Leche evaporada o condensada        | 1.6   | 3.3   | 3.6   | 0.2   | 0.2   | 0.3   | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| Azúcar                              | 17.1  | 10.3  | 7.9   | 8.4   | 3.1   | 3.9   | 0.4   | 12.4  | 0.0   | 4.4   | 9.3   | 5.5   | 0.6   | 0.4   | 0.4   | 0.3   | 1.2   | 0.3   | 0.1   |
| Carne fresca o refrigerada          | nd    | nd    | 2.6   | 0.7   | 1.9   | 4.5   | 3.6   | 2.9   | 9.1   | 7.4   | 6.4   | 12.8  | 11.2  | 9.5   | 10.5  | 7.5   | 6.7   | 10.0  | 10.7  |
| <b>Exportación Total</b>            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Agricultura y Silvicultura          | 61.0  | 63.8  | 56.6  | 50.7  | 57.4  | 55.0  | 58.8  | 45.7  | 46.6  | 49.1  | 53.7  | 49.5  | 48.3  | 47.9  | 48.5  | 50.8  | 49.0  | 47.7  | 47.0  |
| Algodón                             | 13.8  | 14.3  | 9.5   | 6.1   | 9.1   | 4.2   | 2.5   | 2.5   | 3.8   | 3.8   | 2.9   | 2.0   | 0.9   | 0.2   | 0.9   | 2.6   | 2.3   | 1.6   | 0.7   |
| Café en grano                       | 18.4  | 15.5  | 17.8  | 18.8  | 18.6  | 22.9  | 27.3  | 17.4  | 14.5  | 17.3  | 10.4  | 9.7   | 7.4   | 6.2   | 7.9   | 10.8  | 10.4  | 11.6  | 8.7   |
| Melón y Sandía                      | 3.4   | 2.9   | 2.2   | 1.3   | 2.1   | 2.2   | 2.1   | 3.1   | 2.4   | 4.2   | 2.8   | 3.7   | 2.6   | 1.6   | 1.9   | 1.7   | 2.0   | 2.0   | 2.1   |
| Frutas frescas o secas              | 3.4   | 2.9   | 3.7   | 2.5   | 3.6   | 4.2   | 3.9   | 5.6   | 5.6   | 7.2   | 7.6   | 11.8  | 12.1  | 10.0  | 10.3  | 8.6   | 7.2   | 5.9   | 7.0   |
| Legumbres y hortalizas frescas      | 7.3   | 9.2   | 9.2   | 7.8   | 7.9   | 7.5   | 6.5   | 8.4   | 9.0   | 6.6   | 13.4  | 12.9  | 15.8  | 15.9  | 15.1  | 14.2  | 11.4  | 12.9  | 15.3  |
| Jitomate                            | 7.2   | 11.6  | 8.0   | 5.9   | 9.7   | 9.9   | 13.5  | 7.1   | 8.1   | 6.7   | 13.3  | 6.9   | 4.8   | 9.6   | 8.6   | 8.9   | 8.3   | 7.3   | 8.7   |
| Otros                               | 7.5   | 7.4   | 6.2   | 8.4   | 6.3   | 4.1   | 3.1   | 1.6   | 3.3   | 3.4   | 3.2   | 2.4   | 4.7   | 4.3   | 3.8   | 4.0   | 7.5   | 6.4   | 6.4   |
| Ganadería, Apicultura y Pesca       | 5.4   | 4.8   | 6.9   | 11.2  | 6.5   | 10.0  | 10.2  | 7.9   | 8.0   | 8.2   | 12.2  | 13.1  | 12.5  | 13.3  | 10.0  | 10.6  | 6.1   | 5.9   | 4.9   |
| Ganado vacuno                       | 3.4   | 3.0   | 5.6   | 8.8   | 4.9   | 8.7   | 8.8   | 6.8   | 6.8   | 7.1   | 10.9  | 9.4   | 9.5   | 10.9  | 7.9   | 8.2   | 2.0   | 2.8   | 2.9   |
| Alimentos y Bebidas                 | 33.6  | 31.4  | 36.5  | 38.0  | 36.1  | 34.9  | 31.0  | 46.3  | 45.4  | 42.6  | 34.2  | 37.5  | 39.3  | 38.8  | 41.4  | 38.6  | 44.9  | 46.5  | 48.0  |
| Camarón congelado                   | 16.6  | 16.1  | 19.0  | 20.0  | 17.6  | 15.0  | 12.7  | 15.3  | 12.4  | 11.4  | 6.3   | 6.4   | 6.0   | 7.2   | 7.3   | 7.1   | 6.1   | 6.7   | 6.7   |
| Fresas congeladas                   | 1.0   | 1.4   | 1.1   | 1.0   | 1.0   | 0.6   | 0.6   | 1.1   | 0.7   | 0.6   | 1.1   | 0.8   | 0.7   | 0.6   | 0.7   | 0.8   | 0.5   | 0.4   | 0.4   |
| Legumbres y frutas preparadas       | 2.8   | 2.8   | 3.7   | 3.2   | 3.4   | 3.6   | 2.7   | 3.5   | 3.8   | 5.2   | 5.0   | 6.6   | 7.4   | 6.5   | 6.4   | 4.7   | 5.0   | 5.1   | 5.4   |
| Mieles incristalizables             | 1.7   | 0.3   | 0.5   | 0.5   | 0.5   | 0.5   | 0.8   | 0.9   | 0.6   | 0.3   | 0.2   | 0.1   | 0.0   | 0.1   | 0.2   | 0.4   | 0.4   | 0.1   | 0.9   |
| Tequila                             | 1.6   | 2.1   | 2.0   | 2.2   | 1.9   | 1.9   | 1.5   | 1.8   | 2.0   | 2.5   | 2.8   | 2.7   | 3.4   | 3.4   | 3.4   | 10.7  | 13.4  | 14.0  | 15.3  |
| Otros                               | 9.9   | 8.8   | 10.1  | 11.1  | 11.6  | 13.3  | 12.7  | 23.6  | 26.0  | 22.6  | 18.8  | 20.9  | 21.7  | 20.9  | 23.4  | 15.0  | 19.6  | 20.2  | 20.3  |

Fuente: Elaborado por el CEEF de la Honorable Cámara de Diputados en base a datos del INEGI y Banco de México, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 52.2  
México: Balanza agroalimentaria 1991-2000  
(Porcentajes)

| PRODUCTOS                                            | 1991  | 1992  | 1993  | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000  |
|------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Importación Total</b>                             | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Agricultura y Silvicultura                           | 35.4  | 35.9  | 35.9  | 40.7  | 47.1  | 55.8  | 47.2  | 49.2  | 46.6  | 44.8  |
| Caucho Natural                                       | 1.5   | 1.0   | 1.0   | 1.0   | 1.9   | 1.4   | 1.4   | 1.0   | 0.5   | 0.9   |
| Cebada en Grano                                      | 0.2   | 0.3   | 0.2   | 0.1   | 0.3   | 0.9   | 0.4   | 0.5   | 0.5   | 0.4   |
| Espécies Diversas                                    | 0.7   | 0.7   | 0.5   | 0.4   | 0.4   | 0.4   | 0.4   | 0.5   | 0.5   | 0.4   |
| Frijol                                               | 0.4   | 0.0   | 0.1   | 0.5   | 0.3   | 1.1   | 0.7   | 1.5   | 0.8   | 0.3   |
| Frutas Frescas o Secas                               | 1.6   | 2.0   | 3.1   | 3.9   | 2.5   | 1.9   | 2.3   | 2.5   | 3.5   | 4.2   |
| Hortalizas Frescas                                   | 0.9   | 0.8   | 0.7   | 0.5   | 0.4   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| Madera Ordinaria                                     | 0.5   | 0.5   | 0.3   | 0.3   | 0.2   | 0.1   | 0.2   | 0.3   | 0.2   | 0.3   |
| Maíz                                                 | 3.7   | 3.0   | 1.1   | 5.0   | 7.1   | 13.6  | 4.6   | 7.2   | 6.9   | 5.9   |
| Otros Forrajes y Pasturas                            | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.1   | 0.2   | 0.2   | 0.2   | 0.2   |
| Otras Semillas y Frutos Oleaginosos                  | 4.9   | 3.6   | 4.2   | 3.9   | 5.7   | 5.7   | 5.1   | 5.4   | 5.1   | 4.1   |
| Semilla de Algodón                                   | 1.9   | 2.8   | 4.0   | 3.5   | 4.5   | 4.5   | 6.1   | 7.5   | 4.7   | 6.3   |
| Semilla de Soya                                      | 7.3   | 8.3   | 9.7   | 9.7   | 10.3  | 11.5  | 13.3  | 9.9   | 9.1   | 8.5   |
| Sorgo                                                | 7.6   | 8.8   | 6.4   | 5.4   | 4.8   | 4.2   | 3.4   | 4.0   | 4.9   | 4.9   |
| Ingo                                                 | 1.4   | 2.6   | 3.9   | 2.6   | 4.1   | 5.5   | 4.0   | 3.9   | 3.9   | 3.3   |
| Otros                                                | 2.8   | 4.5   | 4.4   | 4.8   | 4.5   | 4.4   | 4.7   | 4.4   | 4.9   | 4.2   |
| Ganadería, Agricultura y Pesca                       | 9.3   | 7.4   | 5.1   | 5.1   | 3.1   | 4.2   | 6.6   | 5.7   | 5.2   | 5.1   |
| Ganado Vacuno                                        | 3.8   | 3.2   | 1.6   | 1.9   | 0.4   | 1.2   | 2.5   | 1.7   | 1.5   | 1.8   |
| Lana sin Cardar Ni Peinar                            | 0.4   | 0.3   | 0.3   | 0.2   | 0.4   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   |
| Pielés y Cueros sin Cutir                            | 3.0   | 2.2   | 1.9   | 1.5   | 1.9   | 2.5   | 2.2   | 2.1   | 1.7   | 1.7   |
| Otros                                                | 1.9   | 1.4   | 1.1   | 1.1   | 0.8   | 0.8   | 1.1   | 1.2   | 1.1   | 1.0   |
| Caza y Pesca                                         | 0.2   | 0.2   | 0.3   | 0.4   | 0.3   | 0.2   | 0.3   | 0.4   | 0.5   | 0.5   |
| <b>Alimentos, Bebidas y Tabaco</b>                   | 55.3  | 53.9  | 56.0  | 54.2  | 49.7  | 40.0  | 46.2  | 45.2  | 48.2  | 50.3  |
| Aceto de Soya                                        | 0.4   | 0.5   | 0.7   | 0.6   | 0.7   | 0.6   | 0.7   | 0.8   | 0.6   | 0.5   |
| Acetates Fijos de Coco                               | 0.3   | 0.3   | 0.1   | 0.4   | 0.1   | 0.2   | 0.1   | 0.2   | 0.1   | 0.1   |
| Alimento Preparado para Animales                     | 2.8   | 3.0   | 2.4   | 2.9   | 2.9   | 2.0   | 1.8   | 2.1   | 2.4   | 2.3   |
| Azúcar                                               | 6.5   | 0.6   | 0.4   | 0.4   | 0.3   | 1.2   | 0.3   | 0.1   | 0.2   | 0.1   |
| Carnes Frescas o Hetrigeradas                        | 13.2  | 11.4  | 9.5   | 10.5  | 7.5   | 6.7   | 10.0  | 7.7   | 12.0  | 14.8  |
| Conservas Animales Alimenticias                      | 0.2   | 0.3   | 0.5   | 0.7   | 0.4   | 0.3   | 0.3   | 0.3   | 0.3   | 0.4   |
| Conservas Vegetales Alimenticias                     | 1.3   | 1.7   | 2.0   | 2.3   | 1.4   | 0.9   | 1.2   | 1.3   | 1.5   | 1.4   |
| Frutas Conservadas y Liohidratadas                   | 0.4   | 0.3   | 0.5   | 0.3   | 0.5   | 0.5   | 0.4   | 0.3   | 0.3   | 0.8   |
| Harnas de Animales Marnos                            | 0.2   | 0.3   | 0.5   | 0.4   | 0.1   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   |
| Harnas de Soya y Otras Semillas y Frutos Oleaginosos | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   |
| Leche en Polvo                                       | 0.5   | 0.8   | 3.6   | 3.6   | 5.1   | 4.7   | 4.3   | 2.9   | 2.5   | 2.6   |
| Leche Evaporada o Condensada                         | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   |
| Licores y Aquadientes                                | 1.3   | 1.6   | 1.8   | 1.6   | 0.8   | 0.6   | 0.8   | 0.6   | 0.4   | 0.4   |
| Mantequilla Natural                                  | 0.2   | 0.2   | 0.2   | 0.4   | 0.3   | 0.2   | 0.2   | 0.2   | 0.2   | 0.1   |
| Mayonesa y Salsas                                    | 1.2   | 1.1   | 1.2   | 0.9   | 0.9   | 0.6   | 0.6   | 0.6   | 0.8   | 0.5   |
| Otros Aceites y Grasas Animales y Vegetales          | 0.4   | 0.4   | 0.6   | 0.6   | 0.4   | 0.4   | 0.5   | 0.5   | 0.5   | 0.5   |
| Pellets Comestibles de Lendo                         | 6.2   | 4.4   | 4.6   | 5.0   | 7.5   | 4.8   | 5.0   | 4.5   | 4.4   | 3.4   |
| Pellets Comestibles de Lendo                         | 1.7   | 1.4   | 1.4   | 1.2   | 1.1   | 1.0   | 1.1   | 0.9   | 0.9   | 1.1   |
| Pescados y Mariscos en Conserva                      | 0.4   | 0.3   | 0.4   | 0.3   | 0.3   | 0.2   | 0.3   | 0.2   | 0.2   | 0.2   |
| Preparados Alimenticios Especiales                   | 2.9   | 3.5   | 4.4   | 4.1   | 3.2   | 2.8   | 3.6   | 3.9   | 5.0   | 5.3   |
| Sabos de Especies Boina, Uvina y Caprina             | 1.5   | 1.1   | 1.4   | 1.4   | 2.2   | 1.4   | 1.5   | 1.8   | 1.3   | 0.9   |
| Vinos Espumosos, tintos y blancos                    | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.7   | 0.6   | 0.7   | 0.6   | 0.5   |
| Otros                                                | 12.1  | 14.1  | 15.8  | 16.3  | 13.0  | 10.2  | 12.7  | 12.3  | 13.4  | 13.9  |
| <b>Exportación Total</b>                             | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Agricultura y Silvicultura                           | 49.5  | 48.3  | 47.9  | 48.6  | 50.9  | 49.0  | 47.6  | 47.0  | 45.0  | 44.8  |
| Algodón                                              | 2.0   | 0.9   | 0.2   | 0.9   | 2.6   | 2.3   | 1.6   | 0.7   | 0.7   | 0.3   |
| Almendra de Ajonjolí                                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Arroz                                                | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Borra de Algodón                                     | 0.1   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   |
| Cacao                                                | 0.0   | 0.6   | 0.4   | 0.2   | 0.2   | 0.3   | 0.2   | 0.2   | 0.1   | 0.0   |
| Café Crudo en Grano                                  | 9.7   | 7.4   | 6.2   | 7.9   | 10.8  | 10.4  | 11.6  | 8.5   | 7.5   | 8.2   |
| Cera Vegetal                                         | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   |
| Colotoma                                             | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Chicle                                               | 0.1   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Espécies Diversas                                    | 0.4   | 0.6   | 0.5   | 0.4   | 0.3   | 2.0   | 0.4   | 0.5   | 0.6   | 0.6   |
| Fresas Frescas                                       | 0.4   | 0.4   | 0.5   | 0.7   | 0.8   | 0.4   | 0.9   | 0.9   | 0.7   | 0.7   |
| Frijol                                               | 0.0   | 0.2   | 0.1   | 0.5   | 0.3   | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   |
| Garbanzo                                             | 0.8   | 1.0   | 0.7   | 1.0   | 1.1   | 0.9   | 0.9   | 1.2   | 0.9   | 1.2   |
| Indie de Lechugilla                                  | 0.5   | 0.6   | 0.6   | 0.4   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| Jitomate                                             | 6.9   | 4.8   | 9.7   | 8.6   | 8.9   | 8.3   | 7.3   | 8.1   | 6.9   | 5.6   |
| Legumbres y Hortalizas Frescas                       | 12.9  | 15.8  | 16.0  | 14.1  | 14.2  | 11.4  | 12.9  | 15.0  | 15.3  | 16.5  |
| Maíz                                                 | 0.1   | 0.1   | 0.1   | 0.1   | 0.2   | 0.3   | 0.3   | 0.5   | 0.1   | 0.1   |
| Melón y Sandía                                       | 3.8   | 2.6   | 1.6   | 1.9   | 1.7   | 2.0   | 1.9   | 1.9   | 2.2   | 1.8   |
| Otras Frutas Frescas                                 | 7.5   | 9.2   | 7.9   | 7.7   | 6.1   | 6.4   | 5.9   | 6.5   | 6.5   | 6.0   |
| Raíces y Tallos de Brezo, Mijo o Sorgo               | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   |
| Semilla de Ajonjolí                                  | 1.2   | 1.0   | 0.5   | 0.5   | 0.2   | 0.3   | 0.3   | 0.3   | 0.3   | 0.2   |
| Semiente de Ingo Certificada                         | 0.0   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Tabaco en Rama                                       | 1.2   | 0.4   | 1.0   | 0.6   | 0.4   | 0.7   | 0.6   | 0.5   | 0.5   | 0.4   |
| Ingo                                                 | 0.0   | 0.0   | 0.0   | 0.3   | 1.1   | 0.3   | 1.1   | 0.4   | 0.6   | 1.1   |
| Otros                                                | 1.7   | 2.6   | 1.9   | 1.6   | 1.4   | 1.7   | 1.7   | 1.6   | 1.6   | 1.6   |
| Ganadería, Agricultura y Pesca                       | 13.0  | 12.4  | 13.3  | 10.0  | 10.6  | 6.1   | 5.9   | 4.9   | 5.9   | 6.3   |
| Ganado Vacuno                                        | 9.4   | 9.5   | 10.9  | 7.9   | 8.2   | 2.0   | 2.8   | 2.8   | 3.8   | 4.0   |
| Miel de Abeja                                        | 1.3   | 1.1   | 0.8   | 0.6   | 0.5   | 0.7   | 0.6   | 0.6   | 0.3   | 0.4   |
| Otros                                                | 0.1   | 0.2   | 0.2   | 0.1   | 0.2   | 0.1   | 0.1   | 0.2   | 0.2   | 0.1   |
| Camaron Fresco Hetrigerado                           | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.4   | 0.2   | 0.0   | 0.0   | 0.0   |
| Langosta Fresca Hetrigerada                          | 0.0   | 0.0   | 0.0   | 0.1   | 0.2   | 0.3   | 0.2   | 0.2   | 0.2   | 0.2   |
| Pescados y Mariscos Frescos                          | 1.1   | 1.1   | 0.9   | 0.8   | 0.8   | 1.4   | 0.8   | 0.9   | 0.9   | 0.9   |
| Otros                                                | 0.7   | 0.6   | 0.5   | 0.5   | 0.8   | 0.9   | 0.6   | 0.5   | 0.6   | 0.6   |
| <b>Alimentos, Bebidas y Tabaco</b>                   | 37.5  | 39.3  | 38.8  | 41.4  | 36.6  | 44.9  | 46.5  | 48.0  | 49.1  | 49.0  |
| Abulón en Conserva                                   | 1.0   | 1.2   | 0.9   | 0.8   | 0.7   | 0.9   | 0.7   | 0.3   | 0.3   | 0.3   |
| Ales y Mermeladas de Frutas                          | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.1   | 0.1   | 0.1   |
| Alón Congelado                                       | 0.1   | 0.1   | 0.1   | 0.5   | 0.5   | 0.4   | 0.2   | 0.3   | 0.2   | 0.0   |
| Azúcar                                               | 1.3   | 0.1   | 0.0   | 0.0   | 1.3   | 3.4   | 1.9   | 0.8   | 0.2   | 0.1   |
| Camaron Congelado                                    | 6.4   | 6.0   | 7.2   | 7.3   | 7.1   | 6.1   | 5.6   | 5.6   | 5.5   | 4.7   |
| Cerveza                                              | 4.5   | 4.5   | 4.8   | 4.7   | 4.7   | 6.7   | 8.8   | 8.4   | 8.7   | 10.0  |
| Café Tostado                                         | 1.1   | 0.7   | 0.8   | 1.2   | 1.0   | 1.1   | 1.3   | 1.0   | 0.7   | 0.5   |
| Carnes de Ganado, Excepto Equino                     | 0.2   | 0.5   | 0.4   | 0.5   | 0.5   | 1.2   | 1.7   | 1.6   | 1.6   | 1.9   |
| Carnes de Ganado Equino                              | 0.2   | 0.2   | 0.2   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.2   | 0.1   |
| Conservas de Pescados y Mariscos                     | 0.3   | 0.3   | 0.2   | 0.2   | 0.2   | 0.5   | 0.5   | 0.3   | 0.3   | 0.2   |
| Extractos Alcohólicos Concentrados                   | 0.2   | 0.1   | 0.2   | 0.2   | 0.2   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| Extractos de Café                                    | 0.3   | 0.3   | 0.3   | 0.4   | 0.7   | 0.5   | 1.1   | 1.3   | 1.2   | 1.2   |
| Fresas Congeladas, con o sin Azúcar                  | 0.8   | 0.7   | 0.6   | 0.7   | 0.8   | 0.4   | 0.4   | 0.4   | 0.6   | 0.5   |
| Juoz de Naranja                                      | 1.2   | 0.3   | 0.6   | 1.4   | 1.7   | 1.4   | 1.3   | 0.8   | 0.7   | 0.6   |
| Juoz de Pira                                         | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   |
| Langosta Congelada                                   | 0.4   | 0.3   | 0.3   | 0.3   | 0.3   | 0.2   | 0.1   | 0.1   | 0.1   | 0.1   |
| Legumbres y Frutas Preparadas y/o en Conservas       | 7.4   | 7.4   | 6.2   | 4.4   | 4.7   | 5.0   | 5.1   | 5.4   | 5.0   | 5.0   |
| Mantequilla de Cacao                                 | 0.2   | 0.1   | 0.2   | 0.1   | 0.2   | 0.1   | 0.1   | 0.1   | 0.1   | 0.1   |
| Mielés Incristalizables de Caña de Azúcar            | 0.1   | 0.0   | 0.1   | 0.2   | 0.4   | 0.4   | 0.1   | 0.1   | 0.0   | 0.0   |
| Otros Jutos de Frutas                                | 0.7   | 0.7   | 0.6   | 0.5   | 0.8   | 0.8   | 0.8   | 0.9   | 0.8   | 0.8   |
| Pasta, Puré o Juoz de Tomate                         | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   |
| Pina en Almibar o en Su Juoz                         | 0.1   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Tequila y Otros Aquadientes                          | 2.7   | 3.4   | 3.4   | 3.4   | 3.4   | 3.6   | 3.6   | 4.1   | 3.6   | 3.7   |
| Otros                                                | 8.7   | 11.0  | 11.2  | 12.5  | 10.7  | 13.0  | 14.0  | 15.3  | 17.1  | 16.8  |

Fuente: Elaborado por el CEF de la Honorable Cámara de Diputados en base a datos de la SHCP, Banco de México, SECOFI e INEGI.

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SECTOR AGROPECUARIO

CUADRO 53.1

México: Comercio internacional de insumos agrícolas

(Miles de pesos)

| Año  | Fungicidas    |               |                   | Herbicidas    |               |                   | Insecticidas  |               |                   |
|------|---------------|---------------|-------------------|---------------|---------------|-------------------|---------------|---------------|-------------------|
|      | Importaciones | Exportaciones | Balanza Comercial | Importaciones | Exportaciones | Balanza Comercial | Importaciones | Exportaciones | Balanza Comercial |
| 1982 | 1,114         | 500           | -614              | 1,464         | 241           | -1,223            | 1,706         | 1,368         | -338              |
| 1989 | 11,161        | 2,541         | -8,620            | 8,429         | 2,775         | -5,654            | 13,492        | 9,518         | -3,974            |
| 1990 | 15,935        | 1,952         | -13,983           | 16,441        | 8,423         | -7,018            | 10,238        | 3,539         | -6,699            |
| 1991 | 24,224        | 2,282         | -21,942           | 17,747        | 13,916        | -3,832            | 14,734        | 3,007         | -11,727           |
| 1992 | 31,969        | 2,270         | -29,699           | 19,478        | 14,091        | -5,387            | 15,728        | 2,064         | -13,674           |
| 1993 | 33,906        | 2,607         | -31,299           | 44,116        | 13,057        | -31,059           | 18,604        | 4,825         | -13,779           |
| 1994 | 44,524        | 3,107         | -41,417           | 61,936        | 12,283        | -49,652           | 36,663        | 5,238         | -31,425           |
| 1995 | 36,471        | 3,230         | -33,241           | 56,438        | 11,093        | -45,345           | 46,231        | 0             | -46,231           |
| 1996 | 45,374        | 4,107         | -41,267           | 60,168        | 26,121        | -34,047           | 52,428        | 6,205         | -46,223           |
| 1997 | 55,947        | 2,922         | -53,025           | 110,260       | 87,937        | -22,323           | 65,758        | 7,046         | -58,712           |
| 1998 | 56,764        | 4,507         | -52,257           | 110,463       | 52,927        | -57,536           | 60,533        | 13,662        | -46,871           |

Fuente: Elaborado por el CENPE de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 54.1

## México: Oferta y demanda total de fertilizantes

(Toneladas)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA | DEMANDA   |               |
|------|------------|---------------|------------------|-----------|---------------|
|      | Producción | Importaciones | ( c = a+b )      | Consumo   | Exportaciones |
|      | ( a )      | ( b )         | ( c = d+e )      | ( d )     | ( e )         |
| 1961 | 103,517    | 87,000        | 190,517          | 190,517   | 0             |
| 1962 | 131,500    | 73,100        | 204,600          | 204,600   | 0             |
| 1963 | 171,000    | 97,000        | 268,000          | 268,000   | 0             |
| 1964 | 187,859    | 112,433       | 300,292          | 293,292   | 7,000         |
| 1965 | 201,478    | 130,861       | 332,339          | 330,339   | 2,000         |
| 1966 | 248,000    | 162,700       | 410,700          | 408,700   | 2,000         |
| 1967 | 362,416    | 68,258        | 430,674          | 429,160   | 1,514         |
| 1968 | 417,192    | 87,743        | 504,935          | 499,025   | 5,910         |
| 1969 | 554,167    | 48,510        | 602,677          | 561,217   | 41,460        |
| 1970 | 579,995    | 35,452        | 615,447          | 537,897   | 77,550        |
| 1971 | 627,430    | 75,398        | 702,828          | 614,965   | 87,863        |
| 1972 | 700,152    | 89,242        | 789,394          | 678,517   | 110,877       |
| 1973 | 781,986    | 94,759        | 876,745          | 778,026   | 98,719        |
| 1974 | 817,369    | 80,665        | 898,034          | 858,200   | 39,834        |
| 1975 | 863,698    | 209,714       | 1,073,412        | 1,072,422 | 990           |
| 1976 | 855,679    | 307,551       | 1,163,230        | 1,133,595 | 29,635        |
| 1977 | 893,253    | 228,599       | 1,121,852        | 1,046,487 | 75,365        |
| 1978 | 820,367    | 313,297       | 1,133,664        | 1,083,123 | 50,541        |
| 1979 | 868,541    | 331,118       | 1,199,659        | 1,151,846 | 47,813        |
| 1980 | 940,487    | 327,126       | 1,267,613        | 1,239,713 | 27,900        |
| 1981 | 1,113,630  | 461,073       | 1,574,703        | 1,565,691 | 9,012         |
| 1982 | 1,319,612  | 515,071       | 1,834,683        | 1,828,899 | 5,784         |
| 1983 | 1,303,094  | 232,938       | 1,536,032        | 1,449,432 | 86,600        |
| 1984 | 1,420,186  | 289,933       | 1,710,119        | 1,652,367 | 57,752        |
| 1985 | 1,572,500  | 326,500       | 1,899,000        | 1,891,800 | 7,200         |
| 1986 | 1,489,500  | 297,900       | 1,787,400        | 1,739,200 | 48,200        |
| 1987 | 1,707,785  | 148,660       | 1,856,445        | 1,776,903 | 79,542        |
| 1988 | 1,724,420  | 127,320       | 1,851,740        | 1,772,658 | 79,082        |
| 1989 | 1,945,400  | 122,100       | 2,067,500        | 1,900,400 | 167,100       |
| 1990 | 1,742,200  | 110,700       | 1,852,900        | 1,660,300 | 192,600       |
| 1991 | 1,941,700  | 80,400        | 2,022,100        | 1,652,200 | 369,900       |
| 1992 | 1,728,600  | 159,700       | 1,888,300        | 1,568,900 | 319,400       |
| 1993 | 1,584,100  | 391,300       | 1,975,400        | 1,739,400 | 236,000       |
| 1994 | 1,641,100  | 340,300       | 1,981,400        | 1,628,000 | 353,400       |
| 1995 | 1,737,000  | 125,000       | 1,862,000        | 1,151,000 | 711,000       |
| 1996 | 1,921,400  | 401,400       | 2,322,800        | 1,719,800 | 603,000       |
| 1997 | 1,756,700  | 564,100       | 2,320,800        | 1,643,730 | 677,070       |
| 1998 | 1,616,800  | 786,700       | 2,403,500        | 1,820,500 | 583,000       |

Fuente : Elaborado por el CEFPA de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000.

# SECTOR AGROPECUARIO

CUADRO 54.2

## México: Balance interno de fertilizantes

(Toneladas)

| AÑO  | Producción | Consumo   | Balance interno |
|------|------------|-----------|-----------------|
| 1961 | 103,517    | 191,000   | -87,483         |
| 1962 | 131,500    | 203,600   | -72,100         |
| 1963 | 171,000    | 279,000   | -108,000        |
| 1964 | 187,859    | 288,158   | -100,299        |
| 1965 | 201,478    | 336,886   | -135,408        |
| 1966 | 248,000    | 396,900   | -148,900        |
| 1967 | 362,416    | 430,626   | -68,210         |
| 1968 | 417,192    | 498,671   | -81,479         |
| 1969 | 554,167    | 560,798   | -6,631          |
| 1970 | 579,995    | 537,721   | 42,274          |
| 1971 | 627,430    | 614,679   | 12,751          |
| 1972 | 700,152    | 679,171   | 20,981          |
| 1973 | 781,986    | 780,127   | 1,859           |
| 1974 | 817,369    | 864,487   | -47,118         |
| 1975 | 863,698    | 1,073,464 | -209,766        |
| 1976 | 855,679    | 1,120,262 | -264,583        |
| 1977 | 893,253    | 1,067,732 | -174,479        |
| 1978 | 820,367    | 1,066,615 | -246,248        |
| 1979 | 868,541    | 1,134,400 | -265,859        |
| 1980 | 940,487    | 1,237,913 | -297,426        |
| 1981 | 1,113,630  | 1,560,985 | -447,355        |
| 1982 | 1,319,612  | 1,824,532 | -504,920        |
| 1983 | 1,303,094  | 1,485,700 | -182,606        |
| 1984 | 1,420,186  | 1,660,600 | -240,414        |
| 1985 | 1,572,500  | 1,714,100 | -141,600        |
| 1986 | 1,489,500  | 1,825,600 | -336,100        |
| 1987 | 1,707,785  | 1,862,440 | -154,655        |
| 1988 | 1,724,420  | 1,743,000 | -18,580         |
| 1989 | 1,945,400  | 1,739,900 | 205,500         |
| 1990 | 1,742,200  | 1,798,600 | -56,400         |
| 1991 | 1,941,700  | 1,619,400 | 322,300         |
| 1992 | 1,728,600  | 1,616,000 | 112,600         |
| 1993 | 1,584,100  | 1,591,900 | -7,800          |
| 1994 | 1,641,100  | 1,647,900 | -6,800          |
| 1995 | 1,737,000  | 1,286,000 | 451,000         |
| 1996 | 1,921,400  | 1,636,400 | 285,000         |
| 1997 | 1,756,700  | 1,630,690 | 126,010         |
| 1998 | 1,616,800  | 1,705,700 | -88,900         |

Fuente : Elaborado por el CEFPE de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000.

**SECTOR AGROPECUARIO**

CUADRO 54.3

**México: Uso de fertilizantes por hectárea**

(Kilogramos)

| AÑO  | Tierra arable y<br>Cultivable <sup>1</sup><br>Hectáreas | Fertilizantes<br>(Toneladas ) |           | Uso de fertilizantes                       |                                                  |                                                 |
|------|---------------------------------------------------------|-------------------------------|-----------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------|
|      |                                                         | Producción                    | Consumo   | Producción / Tierra<br>arable y cultivable | Consumo aparente / Tierra arable y<br>cultivable | Balance interno / Tierra arable<br>y cultivable |
| 1961 | 23,745,000                                              | 103,517                       | 190,517   | 4.3595                                     | 8.0235                                           | -3.6843                                         |
| 1962 | 23,680,000                                              | 131,500                       | 204,600   | 5.5532                                     | 8.6402                                           | -3.0448                                         |
| 1963 | 23,610,000                                              | 171,000                       | 268,000   | 7.2427                                     | 11.3511                                          | -4.5743                                         |
| 1964 | 23,550,000                                              | 187,859                       | 293,292   | 7.9770                                     | 12.4540                                          | -4.2590                                         |
| 1965 | 23,480,000                                              | 201,478                       | 330,339   | 8.5808                                     | 14.0690                                          | -5.7670                                         |
| 1966 | 23,415,000                                              | 248,000                       | 408,700   | 10.5915                                    | 17.4546                                          | -6.3592                                         |
| 1967 | 23,340,000                                              | 362,416                       | 429,160   | 15.5277                                    | 18.3873                                          | -2.9225                                         |
| 1968 | 23,270,000                                              | 417,192                       | 499,025   | 17.9283                                    | 21.4450                                          | -3.5015                                         |
| 1969 | 23,210,000                                              | 554,167                       | 561,217   | 23.8762                                    | 24.1800                                          | -0.2857                                         |
| 1970 | 23,138,000                                              | 579,995                       | 537,897   | 25.0668                                    | 23.2473                                          | 1.8270                                          |
| 1971 | 23,280,000                                              | 627,430                       | 614,965   | 26.9515                                    | 26.4160                                          | 0.5477                                          |
| 1972 | 23,420,000                                              | 700,152                       | 678,517   | 29.8955                                    | 28.9717                                          | 0.8959                                          |
| 1973 | 23,560,000                                              | 781,986                       | 778,026   | 33.1913                                    | 33.0232                                          | 0.0789                                          |
| 1974 | 23,690,000                                              | 817,369                       | 858,200   | 34.5027                                    | 36.2263                                          | -1.9889                                         |
| 1975 | 23,840,000                                              | 863,698                       | 1,072,422 | 36.2289                                    | 44.9841                                          | -8.7989                                         |
| 1976 | 23,990,000                                              | 855,679                       | 1,133,595 | 35.6682                                    | 47.2528                                          | -11.0289                                        |
| 1977 | 24,120,000                                              | 893,253                       | 1,046,487 | 37.0337                                    | 43.3867                                          | -7.2338                                         |
| 1978 | 24,260,000                                              | 820,367                       | 1,083,123 | 33.8156                                    | 44.6465                                          | -10.1504                                        |
| 1979 | 24,390,000                                              | 868,541                       | 1,151,846 | 35.6105                                    | 47.2262                                          | -10.9003                                        |
| 1980 | 24,530,000                                              | 940,487                       | 1,239,713 | 38.3403                                    | 50.5386                                          | -12.1250                                        |
| 1981 | 24,688,000                                              | 1,113,630                     | 1,565,691 | 45.1081                                    | 63.4191                                          | -18.1203                                        |
| 1982 | 24,799,000                                              | 1,319,612                     | 1,828,899 | 53.2123                                    | 73.7489                                          | -20.3605                                        |
| 1983 | 24,799,000                                              | 1,303,094                     | 1,449,432 | 52.5462                                    | 58.4472                                          | -7.3634                                         |
| 1984 | 24,800,000                                              | 1,420,186                     | 1,652,367 | 57.2656                                    | 66.6277                                          | -9.6941                                         |
| 1985 | 25,000,000                                              | 1,572,500                     | 1,891,800 | 62.9000                                    | 75.6720                                          | -5.6640                                         |
| 1986 | 25,500,000                                              | 1,489,500                     | 1,739,200 | 58.4118                                    | 68.2039                                          | -13.1804                                        |
| 1987 | 25,500,000                                              | 1,707,785                     | 1,776,903 | 66.9720                                    | 69.6825                                          | -6.0649                                         |
| 1988 | 25,700,000                                              | 1,724,420                     | 1,772,658 | 67.0981                                    | 68.9750                                          | -0.7230                                         |
| 1989 | 25,800,000                                              | 1,945,400                     | 1,900,400 | 75.4031                                    | 73.6589                                          | 7.9651                                          |
| 1990 | 25,900,000                                              | 1,742,200                     | 1,660,300 | 67.2664                                    | 64.1042                                          | -2.1776                                         |
| 1991 | 26,000,000                                              | 1,941,700                     | 1,652,200 | 74.6808                                    | 63.5462                                          | 12.3962                                         |
| 1992 | 26,200,000                                              | 1,728,600                     | 1,568,900 | 65.9771                                    | 59.8817                                          | 4.2977                                          |
| 1993 | 26,700,000                                              | 1,584,100                     | 1,739,400 | 59.3296                                    | 65.1461                                          | -0.2921                                         |
| 1994 | 27,000,000                                              | 1,641,100                     | 1,628,000 | 60.7815                                    | 60.2963                                          | -0.2519                                         |
| 1995 | 27,300,000                                              | 1,737,000                     | 1,151,000 | 63.6264                                    | 42.1612                                          | 16.5201                                         |
| 1996 | 27,300,000                                              | 1,921,400                     | 1,719,800 | 70.3810                                    | 62.9963                                          | 10.4396                                         |
| 1997 | 27,300,000                                              | 1,756,700                     | 1,643,730 | 64.3480                                    | 60.2099                                          | 4.6158                                          |
| 1998 | 27,300,000                                              | 1,616,800                     | 1,820,500 | 59.2234                                    | 66.6850                                          | -3.2564                                         |

<sup>1</sup> Se considera como superficie arable, las tierras bajo cultivo temporal, praderas para corte o pastoreo, huertas comerciales y tierras temporales de barbecho; además se toma como tierras permanentes la que se ocupan por periodos y no necesitan ser replantada después de cada cosecha; el total de ambos tipos es el que se reporta como tierra arable y cultivable.

Fuente : Elaborado por el CEFPE de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000.



# SECTOR AGROPECUARIO

CUADRO 54.4

## México: Oferta y demanda total de fertilizantes

(Porcentaje)

| AÑO  | OFERTA     |               | OFERTA = DEMANDA | DEMANDA |               |
|------|------------|---------------|------------------|---------|---------------|
|      | Producción | Importaciones | ( c = a+b )      | Consumo | Exportaciones |
|      | ( a )      | ( b )         | ( c = d+e )      | ( d )   | ( e )         |
| 1961 | 54.33      | 45.67         | 100.00           | 100.00  | 0.00          |
| 1962 | 64.27      | 35.73         | 100.00           | 100.00  | 0.00          |
| 1963 | 63.81      | 36.19         | 100.00           | 100.00  | 0.00          |
| 1964 | 62.56      | 37.44         | 100.00           | 97.67   | 2.33          |
| 1965 | 60.62      | 39.38         | 100.00           | 99.40   | 0.60          |
| 1966 | 60.38      | 39.62         | 100.00           | 99.51   | 0.49          |
| 1967 | 84.15      | 15.85         | 100.00           | 99.65   | 0.35          |
| 1968 | 82.62      | 17.38         | 100.00           | 98.83   | 1.17          |
| 1969 | 91.95      | 8.05          | 100.00           | 93.12   | 6.88          |
| 1970 | 94.24      | 5.76          | 100.00           | 87.40   | 12.60         |
| 1971 | 89.27      | 10.73         | 100.00           | 87.50   | 12.50         |
| 1972 | 88.69      | 11.31         | 100.00           | 85.95   | 14.05         |
| 1973 | 89.19      | 10.81         | 100.00           | 88.74   | 11.26         |
| 1974 | 91.02      | 8.98          | 100.00           | 95.56   | 4.44          |
| 1975 | 80.46      | 19.54         | 100.00           | 99.91   | 0.09          |
| 1976 | 73.56      | 26.44         | 100.00           | 97.45   | 2.55          |
| 1977 | 79.62      | 20.38         | 100.00           | 93.28   | 6.72          |
| 1978 | 72.36      | 27.64         | 100.00           | 95.54   | 4.46          |
| 1979 | 72.40      | 27.60         | 100.00           | 96.01   | 3.99          |
| 1980 | 74.19      | 25.81         | 100.00           | 97.80   | 2.20          |
| 1981 | 70.72      | 29.28         | 100.00           | 99.43   | 0.57          |
| 1982 | 71.93      | 28.07         | 100.00           | 99.68   | 0.32          |
| 1983 | 84.84      | 15.16         | 100.00           | 94.36   | 5.64          |
| 1984 | 83.05      | 16.95         | 100.00           | 96.62   | 3.38          |
| 1985 | 82.81      | 17.19         | 100.00           | 99.62   | 0.38          |
| 1986 | 83.33      | 16.67         | 100.00           | 97.30   | 2.70          |
| 1987 | 91.99      | 8.01          | 100.00           | 95.72   | 4.28          |
| 1988 | 93.12      | 6.88          | 100.00           | 95.73   | 4.27          |
| 1989 | 94.09      | 5.91          | 100.00           | 91.92   | 8.08          |
| 1990 | 94.03      | 5.97          | 100.00           | 89.61   | 10.39         |
| 1991 | 96.02      | 3.98          | 100.00           | 81.71   | 18.29         |
| 1992 | 91.54      | 8.46          | 100.00           | 83.09   | 16.91         |
| 1993 | 80.19      | 19.81         | 100.00           | 88.05   | 11.95         |
| 1994 | 82.83      | 17.17         | 100.00           | 82.16   | 17.84         |
| 1995 | 93.29      | 6.71          | 100.00           | 61.82   | 38.18         |
| 1996 | 82.72      | 17.28         | 100.00           | 74.04   | 25.96         |
| 1997 | 75.69      | 24.31         | 100.00           | 70.83   | 29.17         |
| 1998 | 67.27      | 32.73         | 100.00           | 75.74   | 24.26         |

Fuente : Elaborado por el CEFP de la H. Cámara de Diputados en base a datos de la FAO, Banco de Datos FAOSTAT, FAO, Italia, Noviembre 2000.

# SECTOR AGROPECUARIO

CUADRO 55.1

## México: Oferta y demanda total de tractores<sup>1</sup>

(Unidades)

| AÑO  | OFERTA                  |               | OFERTA = DEMANDA | DEMANDA     |               |
|------|-------------------------|---------------|------------------|-------------|---------------|
|      | Disponibilidad nacional | Importaciones | ( c = a+b )      | En servicio | Exportaciones |
|      | ( a )                   | ( b )         | ( c = d+e )      | ( d )       | ( e )         |
| 1961 | 56,000                  | 5,339         | 61,339           | 61,268      | 71            |
| 1962 | 60,000                  | 5,470         | 65,470           | 65,436      | 34            |
| 1963 | 64,000                  | 6,672         | 70,672           | 70,637      | 35            |
| 1964 | 68,000                  | 9,815         | 77,815           | 77,805      | 10            |
| 1965 | 72,000                  | 5,690         | 77,690           | 77,650      | 40            |
| 1966 | 76,000                  | 5,500         | 81,500           | 81,469      | 31            |
| 1967 | 80,150                  | 16,000        | 96,150           | 96,112      | 38            |
| 1968 | 83,900                  | 23,000        | 106,900          | 106,836     | 64            |
| 1969 | 87,600                  | 20,000        | 107,600          | 107,557     | 43            |
| 1970 | 91,354                  | 25,000        | 116,354          | 116,343     | 11            |
| 1971 | 92,800                  | 20,000        | 112,800          | 112,779     | 21            |
| 1972 | 94,300                  | 24,000        | 118,300          | 118,280     | 20            |
| 1973 | 95,700                  | 29,000        | 124,700          | 124,675     | 25            |
| 1974 | 97,200                  | 35,000        | 132,200          | 132,163     | 37            |
| 1975 | 98,700                  | 69,705        | 168,405          | 168,290     | 115           |
| 1976 | 100,100                 | 14,157        | 114,257          | 114,232     | 25            |
| 1977 | 101,611                 | 9,455         | 111,066          | 110,770     | 296           |
| 1978 | 108,259                 | 16,124        | 124,383          | 124,254     | 129           |
| 1979 | 114,000                 | 20,434        | 134,434          | 134,204     | 230           |
| 1980 | 115,057                 | 7,900         | 122,957          | 122,795     | 162           |
| 1981 | 143,078                 | 10,000        | 153,078          | 152,638     | 440           |
| 1982 | 146,083                 | 7,357         | 153,440          | 153,057     | 383           |
| 1983 | 152,319                 | 7,500         | 159,819          | 159,474     | 345           |
| 1984 | 155,000                 | 8,000         | 163,000          | 162,650     | 350           |
| 1985 | 157,000                 | 11,162        | 168,162          | 167,506     | 656           |
| 1986 | 160,000                 | 10,000        | 170,000          | 169,320     | 680           |
| 1987 | 163,000                 | 6,984         | 169,984          | 169,391     | 593           |
| 1988 | 165,000                 | 8,590         | 173,590          | 172,990     | 600           |
| 1989 | 168,000                 | 11,900        | 179,900          | 179,420     | 480           |
| 1990 | 170,000                 | 13,800        | 183,800          | 183,230     | 570           |
| 1991 | 172,000                 | 13,500        | 185,500          | 185,440     | 60            |
| 1992 | 172,000                 | 11,000        | 183,000          | 182,938     | 62            |
| 1993 | 172,000                 | 7,350         | 179,350          | 178,960     | 390           |
| 1994 | 172,000                 | 9,384         | 181,384          | 178,488     | 2,896         |
| 1995 | 172,000                 | 1,682         | 173,682          | 168,349     | 5,333         |
| 1996 | 172,000                 | 7,626         | 179,626          | 174,841     | 4,785         |
| 1997 | 172,000                 | 4,009         | 176,009          | 168,909     | 7,100         |
| 1998 | 172,000                 | 14,162        | 186,162          | 180,662     | 5,500         |

1 El número total de tractores considera los de ruedas y de oruga, se excluyen los tractores hortícolas.

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 55.2

## México: Balance interno de tractores<sup>1</sup>

(Unidades)

| AÑO  | Disponibilidad nacional | En servicio | Balance interno |
|------|-------------------------|-------------|-----------------|
| 1961 | 56,000                  | 61268       | -5,268          |
| 1962 | 60,000                  | 65436       | -5,436          |
| 1963 | 64,000                  | 70637       | -6,637          |
| 1964 | 68,000                  | 77805       | -9,805          |
| 1965 | 72,000                  | 77650       | -5,650          |
| 1966 | 76,000                  | 81469       | -5,469          |
| 1967 | 80,150                  | 96112       | -15,962         |
| 1968 | 83,900                  | 106836      | -22,936         |
| 1969 | 87,600                  | 107557      | -19,957         |
| 1970 | 91,354                  | 116343      | -24,989         |
| 1971 | 92,800                  | 112779      | -19,979         |
| 1972 | 94,300                  | 118280      | -23,980         |
| 1973 | 95,700                  | 124675      | -28,975         |
| 1974 | 97,200                  | 132163      | -34,963         |
| 1975 | 98,700                  | 168290      | -69,590         |
| 1976 | 100,100                 | 114232      | -14,132         |
| 1977 | 101,611                 | 110770      | -9,159          |
| 1978 | 108,259                 | 124254      | -15,995         |
| 1979 | 114,000                 | 134204      | -20,204         |
| 1980 | 115,057                 | 122795      | -7,738          |
| 1981 | 143,078                 | 152638      | -9,560          |
| 1982 | 146,083                 | 153057      | -6,974          |
| 1983 | 152,319                 | 159474      | -7,155          |
| 1984 | 155,000                 | 162650      | -7,650          |
| 1985 | 157,000                 | 167506      | -10,506         |
| 1986 | 160,000                 | 169320      | -9,320          |
| 1987 | 163,000                 | 169391      | -6,391          |
| 1988 | 165,000                 | 172990      | -7,990          |
| 1989 | 168,000                 | 179420      | -11,420         |
| 1990 | 170,000                 | 183230      | -13,230         |
| 1991 | 172,000                 | 185440      | -13,440         |
| 1992 | 172,000                 | 182938      | -10,938         |
| 1993 | 172,000                 | 178960      | -6,960          |
| 1994 | 172,000                 | 178488      | -6,488          |
| 1995 | 172,000                 | 168349      | 3,651           |
| 1996 | 172,000                 | 174841      | -2,841          |
| 1997 | 172,000                 | 168909      | 3,091           |
| 1998 | 172,000                 | 180,662     | -8,662          |

1 El número total de tractores considera los de ruedas y de oruga, se excluyen los tractores hortícolas.

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 55.3

## México: Utilización de tractores

(Unidades)

| AÑO  | Tierra arable y Cultivable <sup>1</sup><br>Hectáreas | Disponibilida nacional | En servicio | Uso de tractores                                     |                                          |                                              |
|------|------------------------------------------------------|------------------------|-------------|------------------------------------------------------|------------------------------------------|----------------------------------------------|
|      |                                                      |                        |             | Disponibilidad nacional / Tierra arable y cultivable | En servicio / Tierra arable y cultivable | Balance interno / tierra arable y cultivable |
| 1961 | 23,745,000                                           | 56,000                 | 61,268      | 424.0179                                             | 387.5596                                 | -4507.4032                                   |
| 1962 | 23,680,000                                           | 60,000                 | 65,436      | 394.6667                                             | 361.8803                                 | -4356.1442                                   |
| 1963 | 23,610,000                                           | 64,000                 | 70,637      | 368.9063                                             | 334.2441                                 | -3557.3301                                   |
| 1964 | 23,550,000                                           | 68,000                 | 77,805      | 346.3235                                             | 302.6798                                 | -2401.8358                                   |
| 1965 | 23,480,000                                           | 72,000                 | 77,650      | 326.1111                                             | 302.3825                                 | -4155.7522                                   |
| 1966 | 23,415,000                                           | 76,000                 | 81,469      | 308.0921                                             | 287.4099                                 | -4281.4043                                   |
| 1967 | 23,340,000                                           | 80,150                 | 96,112      | 291.2040                                             | 242.8417                                 | -1462.2228                                   |
| 1968 | 23,270,000                                           | 83,900                 | 106,836     | 277.3540                                             | 217.8105                                 | -1014.5623                                   |
| 1969 | 23,210,000                                           | 87,600                 | 107,557     | 264.9543                                             | 215.7926                                 | -1163.0005                                   |
| 1970 | 23,138,000                                           | 91,354                 | 116,343     | 253.2785                                             | 198.8775                                 | -925.9274                                    |
| 1971 | 23,280,000                                           | 92,800                 | 112,779     | 250.8621                                             | 206.4214                                 | -1165.2235                                   |
| 1972 | 23,420,000                                           | 94,300                 | 118,280     | 248.3563                                             | 198.0047                                 | -976.6472                                    |
| 1973 | 23,560,000                                           | 95,700                 | 124,675     | 246.1860                                             | 188.9713                                 | -813.1148                                    |
| 1974 | 23,690,000                                           | 97,200                 | 132,163     | 243.7243                                             | 179.2484                                 | -677.5734                                    |
| 1975 | 23,840,000                                           | 98,700                 | 168,290     | 241.5400                                             | 141.6602                                 | -342.5780                                    |
| 1976 | 23,990,000                                           | 100,100                | 114,232     | 239.6603                                             | 210.0112                                 | -1697.5658                                   |
| 1977 | 24,120,000                                           | 101,611                | 110,770     | 237.3759                                             | 217.7485                                 | -2633.4753                                   |
| 1978 | 24,260,000                                           | 108,259                | 124,254     | 224.0922                                             | 195.2452                                 | -1516.7240                                   |
| 1979 | 24,390,000                                           | 114,000                | 134,204     | 213.9474                                             | 181.7382                                 | -1207.1867                                   |
| 1980 | 24,530,000                                           | 115,057                | 122,795     | 213.1987                                             | 199.7638                                 | -3170.0698                                   |
| 1981 | 24,688,000                                           | 143,078                | 152,638     | 172.5492                                             | 161.7422                                 | -2582.4268                                   |
| 1982 | 24,799,000                                           | 146,083                | 153,057     | 169.7597                                             | 162.0246                                 | -3555.9220                                   |
| 1983 | 24,799,000                                           | 152,319                | 159,474     | 162.8096                                             | 155.5050                                 | -3465.9679                                   |
| 1984 | 24,800,000                                           | 155,000                | 162,650     | 160.0000                                             | 152.4746                                 | -3241.8301                                   |
| 1985 | 25,000,000                                           | 157,000                | 167,506     | 159.2357                                             | 149.2484                                 | -2379.5926                                   |
| 1986 | 25,500,000                                           | 160,000                | 169,320     | 159.3750                                             | 150.6024                                 | -2736.0515                                   |
| 1987 | 25,500,000                                           | 163,000                | 169,391     | 156.4417                                             | 150.5393                                 | -3989.9859                                   |
| 1988 | 25,700,000                                           | 165,000                | 172,990     | 155.7576                                             | 148.5635                                 | -3216.5207                                   |
| 1989 | 25,800,000                                           | 168,000                | 179,420     | 153.5714                                             | 143.7967                                 | -2259.1944                                   |
| 1990 | 25,900,000                                           | 170,000                | 183,230     | 152.3529                                             | 141.3524                                 | -1957.6720                                   |
| 1991 | 26,000,000                                           | 172,000                | 185,440     | 151.1628                                             | 140.2071                                 | -1934.5238                                   |
| 1992 | 26,200,000                                           | 172,000                | 182,938     | 152.3256                                             | 143.2179                                 | -2395.3191                                   |
| 1993 | 26,700,000                                           | 172,000                | 178,960     | 155.2326                                             | 149.1954                                 | -3836.2069                                   |
| 1994 | 27,000,000                                           | 172,000                | 178,488     | 156.9767                                             | 151.2707                                 | -4161.5290                                   |
| 1995 | 27,300,000                                           | 172,000                | 168,349     | 158.7209                                             | 162.1631                                 | 7477.4035                                    |
| 1996 | 27,300,000                                           | 172,000                | 174,841     | 158.7209                                             | 156.1419                                 | -9609.2925                                   |
| 1997 | 27,300,000                                           | 172,000                | 168,909     | 158.7209                                             | 161.6255                                 | 8832.0932                                    |
| 1998 | 27,300,000                                           | 172,000                | 180,662     | 158.7209                                             | 151.1109                                 | -3151.6971                                   |

1 Se considera como superficie arable, las tierras bajo cultivo temporal, praderas para corte o pastoreo, huertas comerciales y tierras temporales de barbecho; además se toma como tierras permanentes la que se ocupa por períodos y no necesitan ser replantados después de cada cosecha; el total de ambos tipos es el que se reporta como tierra arable y cultivable.

Fuente: Elaborado por el CEFPA de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

# SECTOR AGROPECUARIO

CUADRO 55.4

## México: Oferta y demanda total de tractores

(Porcentaje)

| AÑO  | OFERTA                  |               | OFERTA = DEMANDA | DEMANDA     |               |
|------|-------------------------|---------------|------------------|-------------|---------------|
|      | Disponibilidad nacional | Importaciones | ( c = a+b )      | En servicio | Exportaciones |
|      | ( a )                   | ( b )         | ( c = d+e )      | ( d )       | ( e )         |
| 1961 | 91.30                   | 8.70          | 100.00           | 99.88       | 0.12          |
| 1962 | 91.65                   | 8.35          | 100.00           | 99.95       | 0.05          |
| 1963 | 90.56                   | 9.44          | 100.00           | 99.95       | 0.05          |
| 1964 | 87.39                   | 12.61         | 100.00           | 99.99       | 0.01          |
| 1965 | 92.68                   | 7.32          | 100.00           | 99.95       | 0.05          |
| 1966 | 93.25                   | 6.75          | 100.00           | 99.96       | 0.04          |
| 1967 | 83.36                   | 16.64         | 100.00           | 99.96       | 0.04          |
| 1968 | 78.48                   | 21.52         | 100.00           | 99.94       | 0.06          |
| 1969 | 81.41                   | 18.59         | 100.00           | 99.96       | 0.04          |
| 1970 | 78.51                   | 21.49         | 100.00           | 99.99       | 0.01          |
| 1971 | 82.27                   | 17.73         | 100.00           | 99.98       | 0.02          |
| 1972 | 79.71                   | 20.29         | 100.00           | 99.98       | 0.02          |
| 1973 | 76.74                   | 23.26         | 100.00           | 99.98       | 0.02          |
| 1974 | 73.52                   | 26.48         | 100.00           | 99.97       | 0.03          |
| 1975 | 58.61                   | 41.39         | 100.00           | 99.93       | 0.07          |
| 1976 | 87.61                   | 12.39         | 100.00           | 99.98       | 0.02          |
| 1977 | 91.49                   | 8.51          | 100.00           | 99.73       | 0.27          |
| 1978 | 87.04                   | 12.96         | 100.00           | 99.90       | 0.10          |
| 1979 | 84.80                   | 15.20         | 100.00           | 99.83       | 0.17          |
| 1980 | 93.57                   | 6.43          | 100.00           | 99.87       | 0.13          |
| 1981 | 93.47                   | 6.53          | 100.00           | 99.71       | 0.29          |
| 1982 | 95.21                   | 4.79          | 100.00           | 99.75       | 0.25          |
| 1983 | 95.31                   | 4.69          | 100.00           | 99.78       | 0.22          |
| 1984 | 95.09                   | 4.91          | 100.00           | 99.79       | 0.21          |
| 1985 | 93.36                   | 6.64          | 100.00           | 99.61       | 0.39          |
| 1986 | 94.12                   | 5.88          | 100.00           | 99.60       | 0.40          |
| 1987 | 95.89                   | 4.11          | 100.00           | 99.65       | 0.35          |
| 1988 | 95.05                   | 4.95          | 100.00           | 99.65       | 0.35          |
| 1989 | 93.39                   | 6.61          | 100.00           | 99.73       | 0.27          |
| 1990 | 92.49                   | 7.51          | 100.00           | 99.69       | 0.31          |
| 1991 | 92.72                   | 7.28          | 100.00           | 99.97       | 0.03          |
| 1992 | 93.99                   | 6.01          | 100.00           | 99.97       | 0.03          |
| 1993 | 95.90                   | 4.10          | 100.00           | 99.78       | 0.22          |
| 1994 | 94.83                   | 5.17          | 100.00           | 98.40       | 1.60          |
| 1995 | 99.03                   | 0.97          | 100.00           | 96.93       | 3.07          |
| 1996 | 95.75                   | 4.25          | 100.00           | 97.34       | 2.66          |
| 1997 | 97.72                   | 2.28          | 100.00           | 95.97       | 4.03          |
| 1998 | 92.39                   | 7.61          | 100.00           | 97.05       | 2.95          |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la FAO, Banco de datos FAOSTAT, FAO, 1999, Italia, Noviembre del 2000.

## SISTEMAS HIDRÁULICOS

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# SECTOR AGROPECUARIO

CUADRO 56.1

## México: Superficie de riego incorporada a la producción

( Miles de hectáreas )

| Año  | TOTAL | Nueva |                   |                    | Rehabilitada, modernizada y mejorada |                   |                    |
|------|-------|-------|-------------------|--------------------|--------------------------------------|-------------------|--------------------|
|      |       | Total | Grande irrigación | Pequeña irrigación | Total                                | Grande irrigación | Pequeña irrigación |
| 1973 | 106.1 | 36.7  | 18.0              | 18.7               | 69.5                                 | 63.5              | 6.0                |
| 1974 | 122.0 | 48.1  | 31.5              | 16.7               | 73.9                                 | 58.2              | 15.6               |
| 1975 | 177.8 | 111.8 | 45.0              | 66.8               | 66.0                                 | 50.9              | 15.1               |
| 1976 | 114.1 | 85.9  | 48.8              | 37.1               | 28.3                                 | 23.5              | 4.7                |
| 1977 | 177.6 | 126.6 | 85.7              | 40.9               | 51.0                                 | 48.7              | 2.3                |
| 1978 | 148.2 | 99.9  | 55.0              | 44.9               | 48.3                                 | 44.2              | 4.1                |
| 1979 | 291.2 | 202.8 | 109.5             | 93.4               | 88.3                                 | 80.3              | 8.0                |
| 1980 | 202.7 | 89.0  | 45.2              | 43.8               | 113.7                                | 110.1             | 3.6                |
| 1981 | 288.1 | 146.1 | 70.2              | 75.8               | 142.1                                | 139.2             | 2.9                |
| 1982 | 169.5 | 109.7 | 48.9              | 60.8               | 59.9                                 | 54.0              | 5.9                |
| 1983 | 139.8 | 97.2  | 39.3              | 57.9               | 42.7                                 | 40.6              | 2.1                |
| 1984 | 157.1 | 98.4  | 57.4              | 41.0               | 58.7                                 | 51.7              | 7.0                |
| 1985 | 129.9 | 66.7  | 27.1              | 39.6               | 63.1                                 | 56.1              | 7.0                |
| 1986 | 78.2  | 46.3  | 26.6              | 19.7               | 31.9                                 | 31.9              | 0.0                |
| 1987 | 92.2  | 77.5  | 16.4              | 61.0               | 14.7                                 | 7.4               | 7.4                |
| 1988 | 30.6  | 27.8  | 4.1               | 23.7               | 2.8                                  | 1.8               | 1.0                |
| 1989 | 56.1  | 21.1  | 6.1               | 15.0               | 35.0                                 | 11.0              | 24.0               |
| 1990 | 81.8  | 38.0  | 20.2              | 17.8               | 43.8                                 | 39.2              | 4.6                |
| 1991 | 203.3 | 39.0  | 31.6              | 7.4                | 164.3                                | 145.4             | 18.9               |
| 1992 | 208.4 | 32.1  | 27.3              | 4.8                | 176.3                                | 144.4             | 31.9               |
| 1993 | 113.3 | 13.7  | 11.1              | 2.6                | 99.6                                 | 92.3              | 7.3                |
| 1994 | 127.2 | 10.9  | 7.9               | 3.0                | 116.3                                | 105.5             | 10.8               |
| 1995 | 69.5  | 5.3   | 2.8               | 2.5                | 64.2                                 | 53.4              | 10.8               |
| 1996 | 48.1  | 9.8   | 6.5               | 3.3                | 38.3                                 | 26.8              | 11.5               |
| 1997 | 102.5 | 5.3   | 2.5               | 2.8                | 97.2                                 | 96.5              | 0.7                |
| 1998 | 198.2 | 6.3   | 4.5               | 1.8                | 191.9                                | 131.6             | 60.3               |
| 1999 | 106.0 | 9.1   | 4.5               | 4.6                | 96.8                                 | 69.1              | 27.8               |

Fuente: Elaborado por el CEFEP de la Honorable Cámara de Diputados en base a datos del 5° Informe de Gobierno, 1999; Comisión Nacional de Agua, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 55.2

México: Precipitación pluvial por entidad federativa  
(Milímetros)

| Entidad federativa                | 1986         | 1987         | 1988         | 1989         | 1990         | 1991         | 1992         | 1993         | 1994         | 1995         | 1996         | 1997         | 1998         | 1999         |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aguascalientes                    | 504.5        | 531.6        | 684.7        | 438.1        | 793.3        | 573.6        | 608.6        | 464.4        | 448.0        | 462.1        | 379.6        | 322.7        | 358.7        | 303.4        |
| Baja California                   | 46.2         | 80.8         | 48.0         | 66.1         | 67.4         | 73.1         | 116.1        | 272.7        | 155.3        | 329.0        | 137.6        | 182.5        | 316.4        | 98.9         |
| Baja California Sur               | 87.8         | 109.7        | 27.3         | 122.4        | 152.8        | 49.0         | 133.7        | 353.2        | 243.4        | 155.3        | 159.9        | 267.9        | 240.6        | 59.8         |
| Campeche                          | 1,119.5      | 1,371.3      | 1,777.3      | 1,330.5      | 1,268.4      | 1,140.7      | 1,176.6      | 1,267.1      | 1,317.8      | 1,639.5      | 1,270.3      | 1,411.7      | 1,291.1      | 1,468.3      |
| Coahuila                          | 576.2        | 589.9        | 362.8        | 272.5        | 677.9        | 433.8        | 589.6        | 316.7        | 320.7        | 361.4        | 326.4        | 417.2        | 326.2        | 344.1        |
| Colima                            | 1,145.0      | 752.1        | 719.9        | 1,274.0      | 895.9        | 589.4        | 1,308.1      | 1,262.1      | 705.6        | 624.1        | 906.6        | 692.3        | 946.6        | 1,070.2      |
| Chiapas                           | 1,078.0      | 1,188.2      | 1,410.1      | 1,292.2      | 1,215.8      | 1,063.1      | 1,208.1      | 2,103.7      | 1,723.3      | 2,104.6      | 1,522.4      | 1,475.6      | 1,662.4      | 2,078.4      |
| Chihuahua                         | 684.2        | 532.4        | 347.7        | 340.5        | 592.0        | 512.4        | 451.5        | 636.8        | 477.5        | 347.4        | 439.9        | 456.4        | 271.3        | 239.0        |
| Distrito Federal                  | 726.3        | 709.4        | 1,068.7      | 649.5        | 933.8        | 1,127.7      | 985.1        | 744.5        | 1,022.1      | 961.2        | 619.9        | 777.9        | 788.0        | 675.7        |
| Durango                           | 639.5        | 509.0        | 386.1        | 448.9        | 536.3        | 584.0        | 494.1        | 494.7        | 373.0        | 317.6        | 442.3        | 393.2        | 269.6        | 275.2        |
| Guanajuato                        | 741.6        | 595.0        | 700.2        | 653.5        | 910.5        | 689.7        | 878.5        | 734.2        | 530.6        | 598.7        | 567.0        | 489.9        | 724.0        | 439.3        |
| Guerrero                          | 928.2        | 1,035.2      | 1,318.0      | 1,221.2      | 886.0        | 674.5        | 1,006.6      | 1,059.8      | 688.2        | 863.6        | 1,000.7      | 823.7        | 923.2        | 961.4        |
| Hidalgo                           | 681.3        | 580.4        | 725.6        | 652.7        | 769.6        | 627.9        | 886.9        | 774.0        | 718.2        | 753.5        | 540.0        | 586.6        | 759.1        | 740.0        |
| Jalisco                           | 906.3        | 836.2        | 748.5        | 856.0        | 958.2        | 781.2        | 1,276.6      | 889.9        | 550.5        | 513.0        | 596.0        | 580.1        | 720.5        | 692.2        |
| México                            | 770.6        | 748.8        | 815.3        | 661.9        | 822.0        | 668.2        | 941.7        | 606.8        | 554.5        | 611.4        | 569.7        | 540.4        | 572.8        | 557.2        |
| Michoacán                         | 903.3        | 844.8        | 984.4        | 821.9        | 970.1        | 721.8        | 951.0        | 903.0        | 367.3        | 570.8        | 632.7        | 458.7        | 736.9        | 739.9        |
| Morelos                           | 884.9        | 984.1        | 1,037.7      | 951.4        | 1,381.8      | 1,362.5      | 1,303.1      | 932.3        | 687.9        | 1,116.4      | 690.0        | 711.5        | 1,066.3      | 1,135.5      |
| Nayarit                           | 814.0        | 912.2        | 819.6        | 1,063.8      | 1,120.9      | 872.8        | 1,067.1      | 1,308.4      | 1,231.4      | 1,081.7      | 972.1        | 1,213.7      | 1,412.5      | 1,361.4      |
| Nuevo León                        | 599.6        | 669.1        | 713.3        | 369.8        | 762.3        | 601.4        | 687.8        | 663.2        | 560.0        | 580.9        | 413.3        | 547.7        | 421.8        | 461.4        |
| Oaxaca                            | 801.3        | 847.2        | 1,045.5      | 953.5        | 918.9        | 963.1        | 715.5        | 1,652.8      | 1,430.3      | 1,922.5      | 1,323.1      | 1,286.7      | 1,821.0      | 1,960.9      |
| Puebla                            | 969.1        | 979.7        | 897.7        | 977.5        | 1,109.6      | 1,216.6      | 1,034.9      | 1,505.1      | 1,302.3      | 2,135.0      | 1,816.4      | 1,423.2      | 1,894.7      | 2,138.8      |
| Querétaro                         | 684.2        | 586.2        | 667.1        | 666.7        | 818.9        | 726.9        | 973.9        | 670.0        | 403.9        | 567.8        | 367.3        | 496.7        | 504.9        | 251.3        |
| Quintana Roo                      | 1,089.7      | 926.7        | 1,483.5      | 1,134.0      | 1,365.3      | 965.3        | 1,285.2      | 1,592.0      | 1,219.9      | 1,515.0      | 1,132.1      | 1,266.3      | 1,748.7      | 1,446.4      |
| San Luis Potosí                   | 618.9        | 745.1        | 956.4        | 498.2        | 643.4        | 729.1        | 863.3        | 1,149.9      | 851.5        | 789.6        | 782.8        | 764.3        | 826.1        | 632.5        |
| Sinaloa                           | 667.3        | 435.3        | 663.7        | 726.2        | 720.5        | 776.3        | 725.2        | 744.5        | 744.9        | 490.8        | 675.9        | 670.6        | 614.8        | 564.8        |
| Sonora                            | 347.1        | 264.6        | 336.9        | 286.3        | 415.3        | 346.3        | 438.1        | 658.4        | 513.0        | 327.1        | 327.0        | 396.6        | 346.7        | 265.3        |
| Tabasco                           | 1,514.5      | 1,848.5      | 2,436.1      | 1,821.0      | 1,722.1      | 1,672.9      | 1,824.1      | 2,088.5      | 2,170.9      | 3,266.9      | 1,996.2      | 2,134.7      | 1,956.1      | 2,476.0      |
| Tamaulipas                        | 686.0        | 765.5        | 978.8        | 617.8        | 821.2        | 931.1        | 928.9        | 936.7        | 720.4        | 723.3        | 465.3        | 808.5        | 696.3        | 715.2        |
| Tlaxcala                          | 711.2        | 919.9        | 752.5        | 739.6        | 820.7        | 626.2        | 1,071.4      | 656.8        | 964.7        | 1,132.1      | 726.9        | 712.9        | 724.9        | 894.1        |
| Veracruz                          | 1,408.1      | 1,461.0      | 1,713.3      | 1,467.4      | 1,087.9      | 1,721.7      | 1,560.9      | 1,644.0      | 1,231.6      | 1,472.4      | 1,304.3      | 1,650.3      | 1,752.7      | 1,929.6      |
| Yucatán                           | 972.2        | 921.0        | 1,423.1      | 962.6        | 1,066.4      | 1,025.3      | 1,143.9      | 1,236.4      | 1,193.7      | 909.9        | 747.9        | 834.7        | 1,057.4      | 1,220.1      |
| Zacatecas                         | 674.8        | 779.7        | 647.6        | 421.4        | 705.8        | 624.2        | 534.7        | 436.1        | 573.1        | 499.2        | 482.3        | 424.1        | 472.0        | 416.3        |
| <b>Total Nacional<sup>1</sup></b> | <b>750.0</b> | <b>694.2</b> | <b>735.4</b> | <b>639.6</b> | <b>773.6</b> | <b>707.0</b> | <b>747.5</b> | <b>859.6</b> | <b>744.9</b> | <b>787.8</b> | <b>664.6</b> | <b>692.0</b> | <b>741.2</b> | <b>754.1</b> |

<sup>1</sup> Promedio ponderado

Fuente: Elaborado por el CENP de la Honorable Cámara de Diputados en base a datos de la Semarnat, Comisión Nacional del Agua, Noviembre del 2000.



## SECTOR AGROPECUARIO

CUADRO 57.1  
 México: Distritos de riego en la zona centro, disponibilidad  
 (Millones de metros cúbicos)

|                                        | 1980  | 1981  | 1982  | 1983  | 1984  | 1985  | 1986  | 1987  | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  |
|----------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>DISTRITO :PABELLÓN, AGS.</b>        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| CALLES                                 | 50.3  | 12.0  | 13.0  | 14.8  | 51.9  | 56.2  | 96.1  | 79.2  | 75.3  | 34.4  | 100.6 | 171.3 | 275.7 | 212.8 | 145.6 | 114.5 | 113.6 | 89.2  | 46.0  | 33.3  |
| CINCUENTA ANIVERSARIO                  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.5   | 2.0   | 1.9   | 2.7   |
| <b>DISTRITO :ALTO RIO LERMA, GTO.</b>  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| LA PURISIMA                            | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 30.7  | 10.3  | 13.1  | 7.4   |
| SOLÍS                                  | 234.1 | 412.0 | 408.6 | 240.8 | 540.6 | 506.4 | 440.4 | 167.1 | 291.8 | 222.8 | 698.0 | 495.6 | 586.5 | 611.2 | 533.9 | 337.9 | 192.3 | 218.3 | 395.0 | 517.0 |
| TEPUXTEPEC                             | 102.9 | 141.0 | 261.7 | 121.7 | 263.1 | 319.1 | 367.3 | 210.4 | 236.2 | 150.7 | 360.5 | 314.7 | 361.6 | 342.4 | 333.3 | 368.0 | 347.3 | 229.3 | 246.9 | 319.2 |
| YURIRIA                                | 70.2  | 42.0  | 30.8  | 3.3   | 95.5  | 65.4  | 84.0  | 45.1  | 72.2  | 18.2  | 42.7  | 76.2  | 103.4 | 94.1  | 65.6  | 26.8  | 9.0   | 1.5   | 23.0  | 30.7  |
| <b>DISTRITO :LA BEGOÑA, GTO.</b>       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| IGNACIO ALLENDE                        | 19.6  | 33.0  | 27.2  | 6.6   | 92.6  | 85.4  | 108.6 | 50.6  | 88.6  | 69.1  | 132.5 | 111.3 | 104.9 | 49.3  | 32.4  | 35.5  | 30.3  | 20.9  | 64.7  | 89.1  |
| ISIDRO G. OROZCO                       | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 3.3   | 2.6   | 3.4   | 0.4   |
| <b>DISTRITO :PENUELITAS, GTO.</b>      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| PENUELITAS                             | 3.6   | 4.0   | 9.2   | 1.7   | 19.9  | 18.8  | 19.7  | 13.5  | 18.0  | 11.2  | 21.5  | 19.4  | 18.3  | 14.0  | 8.3   | 10.9  | 10.9  | 6.8   | 8.3   | 9.3   |
| <b>DISTRITO :ALFAJAYUCÁN HGO.</b>      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| LA PEÑA (R. GÓMEZ)                     | 0.0   | 41.0  | 38.3  | 12.7  | 25.6  | 32.5  | 34.3  | 15.7  | 23.9  | 30.8  | 42.3  | 27.9  | 31.9  | 23.5  | 27.0  | 28.7  | 24.5  | 30.5  | 19.2  | 23.9  |
| VICENTE AGUIRRE                        | 0.0   | 11.0  | 8.2   | 1.6   | 4.4   | 7.3   | 3.1   | 3.4   | 2.4   | 3.9   | 9.4   | 11.2  | 11.7  | 8.1   | 7.0   | 6.1   | 7.0   | 5.4   | 4.5   | 6.7   |
| <b>DISTRITO :TULA, HGO.</b>            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| ENDÓ                                   | 136.7 | 137.0 | 133.0 | 117.1 | 120.4 | 135.4 | 134.9 | 91.2  | 96.8  | 126.8 | 125.7 | 111.4 | 126.8 | 112.0 | 111.0 | 102.6 | 98.7  | 130.8 | 85.3  | 91.1  |
| REQUENA                                | 42.4  | 51.0  | 47.4  | 21.6  | 44.1  | 52.0  | 29.2  | 15.1  | 24.9  | 25.4  | 52.5  | 39.0  | 42.0  | 27.9  | 30.6  | 28.9  | 19.1  | 18.9  | 21.8  | 35.3  |
| TAXIMAY                                | 42.8  | 43.0  | 42.8  | 24.6  | 42.8  | 42.8  | 42.8  | 29.1  | 26.0  | 25.3  | 42.8  | 38.3  | 35.9  | 35.7  | 37.8  | 33.9  | 29.5  | 27.2  | 22.1  | 36.5  |
| <b>DISTRITO :TULANCINGO, HGO.</b>      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| LA ESPERANZA                           | 1.7   | 1.0   | 1.5   | 0.0   | 0.3   | 1.4   | 1.9   | 0.9   | 1.5   | 1.9   | 1.8   | 1.6   | 2.1   | 1.5   | 1.6   | 1.3   | 0.7   | 0.5   | 0.4   | 0.8   |
| <b>DISTRITO :TOMATLÁN, JAL.</b>        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| CAJON DE PEÑA                          | 347.1 | 445.0 | 485.1 | 410.9 | 443.4 | 404.5 | 454.2 | 335.3 | 421.7 | 483.1 | 425.1 | 310.4 | 413.9 | 385.9 | 341.9 | 347.1 | 332.6 | 368.9 | 368.9 | 392.9 |
| <b>DISTRITO :EDO. DE JALISCO NORTE</b> |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| CAJITILÁN                              | 8.9   | 7.0   | 6.7   | 6.9   | 14.7  | 18.1  | 32.8  | 29.2  | 44.9  | 29.7  | 25.6  | 25.6  | 26.8  | 27.7  | 27.7  | 28.5  | 20.8  | 18.4  | 8.3   | 5.3   |
| CHILA                                  | 0.3   | 1.0   | 0.5   | 0.5   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   | 0.5   | 0.6   | 0.4   | 0.5   | 0.5   | 0.5   | 0.5   | 0.4   | 0.5   | 0.4   | 0.4   |
| COATEPEC                               | 1.3   | 2.0   | 0.5   | 1.5   | 1.5   | 1.4   | 1.5   | 1.4   | 1.2   | 1.5   | 1.1   | 0.9   | 1.3   | 1.0   | 1.1   | 1.1   | 1.0   | 1.2   | 1.0   | 1.0   |
| CUARENTA                               | 9.5   | 5.0   | 9.3   | 4.5   | 16.1  | 23.7  | 27.0  | 17.6  | 24.8  | 10.7  | 28.4  | 25.5  | 23.6  | 21.1  | 15.7  | 15.5  | 16.6  | 13.7  | 12.7  | 18.1  |
| EL LLANO                               | 0.3   | 1.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.3   |       |
| EL TRIGO                               | 3.7   | 4.0   | 2.7   | 3.7   | 3.3   | 1.7   | 3.9   | 3.5   | 2.2   | 2.8   | 4.0   | 2.9   | 3.6   | 2.8   | 2.7   | 3.1   | 2.8   | 3.5   | 3.0   | 2.4   |
| ESTRIBÓN                               | 3.0   | 4.0   | 4.0   | 2.8   | 5.6   | 5.6   | 5.5   | 5.4   | 5.4   | 4.3   | 5.9   | 5.0   | 4.8   | 5.1   | 5.2   | 4.9   | 4.6   | 4.9   | 4.0   | 5.0   |
| LA COLONIA                             | 1.4   | 4.0   | 2.7   | 2.9   | 4.3   | 3.8   | 3.0   | 4.3   | 4.6   | 2.2   | 4.6   | 3.8   | 4.4   | 4.0   | 2.6   | 3.2   | 3.6   | 3.0   | 3.1   | 1.8   |
| LAGUNA COLORADA                        | 6.2   | 14.0  | 7.7   | 9.8   | 10.2  | 5.6   | 9.3   | 7.8   | 9.3   | 10.0  | 11.6  | 8.5   | 9.6   | 9.2   | 8.1   | 7.6   | 6.6   | 8.9   | 7.1   | 6.8   |
| LAS QUEMADAS                           | 1.0   | 1.0   | 0.8   | 1.1   | 1.1   | 0.7   | 1.1   | 0.9   | 1.1   | 1.1   | 0.7   | 0.7   | 1.0   | 0.8   | 0.2   | 0.4   | 0.7   | 1.0   | 4.4   | 1.0   |
| LIC. S. CAMARENA                       | 37.4  | 44.0  | 32.5  | 44.0  | 43.6  | 32.2  | 41.0  | 34.2  | 37.4  | 31.9  | 44.0  | 36.5  | 40.0  | 38.5  | 34.1  | 34.1  | 32.3  | 38.4  | 31.2  | 36.1  |
| MEXTICACÁN                             | 0.7   | 1.0   | 0.6   | 0.7   | 1.3   | 1.0   | 0.8   | 0.8   | 0.9   | 0.4   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.8   | 0.5   | 0.5   | 0.1   |
| PALO VERDE                             | 3.5   | 4.0   | 3.2   | 3.9   | 4.0   | 1.0   | 1.6   | 2.0   | 4.0   | 4.0   | 4.0   | 2.8   | 3.5   | 2.9   | 2.1   | 1.9   | 1.1   | 1.2   | 1.8   | 0.9   |
| SAN ANDRÉS                             | 1.9   | 3.0   | 1.6   | 3.1   | 2.5   | 2.0   | 2.2   | 2.4   | 1.9   | 2.8   | 3.0   | 2.2   | 2.4   | 2.2   | 2.0   | 1.5   | 1.7   | 2.2   | 2.0   | 1.8   |
| SAN MIGUEL EL ALTO                     | 2.5   | 3.0   | 2.2   | 2.4   | 2.5   | 2.3   | 2.6   | 2.3   | 2.4   | 2.6   | 2.7   | 2.7   | 2.7   | 2.7   | 2.7   | 2.3   | 1.8   | 2.2   | 1.8   | 2.2   |
| SANTA ROSALIA                          | 0.1   | 0.0   | 0.0   | 0.2   | 0.1   | 0.1   | 0.1   | 0.1   | 0.3   | 0.2   | 0.2   | 0.1   | 0.1   | 0.1   | 0.2   | 0.2   | 0.2   | 0.2   | 0.3   | 0.2   |
| TENASCÓ                                | 4.5   | 3.0   | 1.1   | 0.9   | 1.6   | 1.8   | 4.6   | 2.8   | 2.4   | 0.7   | 10.0  | 9.1   | 8.6   | 6.0   | 3.3   | 2.6   | 2.6   | 2.5   | 2.2   | 2.2   |
| VILLA GUERRERO                         | 0.9   | 2.0   | 1.4   | 0.9   | 1.4   | 1.5   | 2.0   | 2.1   | 1.5   | 1.6   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.3   | 1.8   | 1.8   | 1.0   | 1.6   |
| VOLANTÍN                               | 3.1   | 3.0   | 2.6   | 0.1   | 6.9   | 4.1   | 9.4   | 5.6   | 7.7   | 0.5   | 3.3   | 6.2   | 11.8  | 1.5   | 9.7   | 5.1   | 1.7   | 2.2   | 1.9   | 1.1   |
| LUGO ZANABRIA (LA POLVORA)             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 33.3  |
| <b>DISTRITO :ESTADO DE JALISCO SUR</b> |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| HURTADO                                | 6.9   | 16.0  | 8.4   | 10.4  | 18.3  | 16.7  | 10.0  | 9.9   | 18.1  | 6.0   | 10.7  | 11.7  | 17.8  | 13.8  | 5.3   | 4.8   | 10.6  | 14.3  | 8.6   | 9.5   |
| TACOTÁN                                | 77.5  | 124.0 | 107.4 | 72.0  | 70.4  | 69.3  | 128.6 | 115.6 | 105.6 | 65.8  | 114.9 | 95.7  | 131.0 | 108.1 | 89.7  | 90.1  | 116.7 | 133.8 | 100.4 | 112.2 |
| TRIGOMIL                               | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 146.3 | 151.2 | 149.4 | 132.6 |
| <b>DISTRITO :ESTADO DE MEXICO</b>      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| EL MOLINO                              | 1.8   | 2.0   | 5.0   | 0.3   | 4.0   | 2.6   | 4.5   | 0.0   | 6.4   | 3.7   | 6.2   | 5.3   | 4.6   | 2.8   | 3.3   | 3.3   | 2.5   | 0.9   | 2.8   | 2.6   |
| EL MORTERO                             | 0.6   | 1.0   | 0.6   | 0.3   | 0.6   | 0.6   | 0.6   | 0.6   | 0.6   | 0.4   | 0.6   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.0   | 0.0   |       |       |
| EL TIGRE                               | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |       |       |
| HUAPANGO                               | 23.7  | 19.0  | 19.7  | 3.8   | 50.4  | 35.9  | 11.4  | 0.0   | 15.6  | 9.5   | 30.6  | 38.6  | 64.9  | 40.6  | 19.6  | 20.1  | 11.1  | 4.2   | 17.3  | 28.7  |
| OTROS VASOS AUXILIARES                 | 0.9   | 1.0   | 2.0   | 0.4   | 3.1   | 1.6   | 1.6   | 0.6   | 2.0   | 1.8   | 5.0   | 4.1   | 4.5   | 4.0   | 3.4   | 2.0   | 1.2   | 1.1   | 1.4   | 1.9   |
| TEPETITLÁN                             | 53.6  | 67.0  | 66.0  | 52.1  | 66.9  | 67.3  | 63.2  | 67.2  | 31.6  | 36.6  | 67.3  | 57.8  | 59.3  | 57.5  | 55.6  | 56.1  | 58.1  | 51.4  | 44.0  | 53.7  |
| TRINIDAD FABELA                        | 5.6   | 6.0   | 4.6   | 2.3   | 5.2   | 4.6   | 5.8   | 5.7   | 6.5   | 5.5   | 6.8   | 5.3   | 6.0   | 4.6   | 3.4   | 3.3   | 3.4   | 3.3   | 2.7   | 3.9   |
| ÑADÓ                                   | 10.2  | 12.0  | 11.0  | 2.5   | 13.1  | 12.2  | 12.4  | 4.9   | 12.9  | 7.9   | 13.1  | 10.9  | 11.3  | 10.4  | 10.6  | 10.4  | 6.9   | 7.1   | 5.5   | 8.2   |

Fuente: Elaborado por el CENP con base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

**SECTOR AGROPECUARIO**  
**CUADRO 57.1 (segunda parte)**  
**México: Distritos de riego en la zona centro, disponibilidad**  
(Miles de metros cúbicos)

|                                             | 1980           | 1981           | 1982           | 1983           | 1984           | 1985           | 1986           | 1987           | 1988           | 1989           | 1990           | 1991           | 1992           | 1993           | 1994           | 1995           | 1996           | 1997           | 1998           | 1999           |
|---------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>DISTRITO :JILOTEPEC, MEX.</b>            |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| DANHO                                       | 27.1           | 16.0           | 25.0           | 8.3            | 28.5           | 27.6           | 14.8           | 14.0           | 11.9           | 11.4           | 30.4           | 25.5           | 27.8           | 23.8           | 21.8           | 21.3           | 19.3           | 19.6           | 15.8           | 21.5           |
| <b>DISTRITO :LA CONCEPCIÓN,MEX.</b>         |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| LA CONCEPCIÓN                               | 9.1            | 9.0            | 10.6           | 5.2            | 8.6            | 10.2           | 5.5            | 7.4            | 7.2            | 8.9            | 11.8           | 9.1            | 9.6            | 9.4            | 8.9            | 9.0            | 8.4            | 8.5            | 6.5            | 8.5            |
| <b>DISTRITO :CIENEGA DE CHAPALA,MICH.</b>   |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| BARRAJE IBARRA                              | 16.5           | 22.0           | 8.0            | 21.0           | 11.8           | 7.3            | 11.5           | 4.8            | 9.3            | 4.0            | 12.6           | 12.6           | 12.6           | 12.6           | 12.6           | 10.1           | 8.1            | 8.4            | 5.4            | 9.6            |
| GUARACHA                                    | 25.1           | 31.0           | 17.6           | 11.3           | 36.5           | 30.4           | 29.8           | 5.5            | 8.4            | 4.8            | 15.0           | 11.6           | 29.3           | 21.9           | 12.9           | 12.9           | 13.6           | 9.4            | 12.4           | 12.5           |
| JARIPO                                      | 9.7            | 6.0            | 7.7            | 3.2            | 9.2            | 9.4            | 8.7            | 6.3            | 8.1            | 3.2            | 5.0            | 3.3            | 6.0            | 5.1            | 2.8            | 3.7            | 3.9            | 3.9            | 3.3            | 3.8            |
| TARECUATO                                   | 1.1            | 1.0            | 1.1            | 1.1            | 1.2            | 1.1            | 0.6            | 1.1            | 0.6            | 0.3            | 1.0            | 1.0            | 1.0            | 1.0            | 1.0            | 0.8            | 0.9            | 1.0            | 1.0            | 1.1            |
| <b>DISTRITO :GRAL. L. CÁRDENAS,MICH.(5)</b> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| CONSTITUCIÓN APATZINGÁN                     | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 336.5          | 277.0          | 272.7          | 334.8          |
| JOSE MA MORELOS Y PAYÓN                     | 87.0           | 87.0           | 87.0           | 87.0           | 87.0           | 87.0           | 174.6          | 108.8          | 176.0          | 143.7          | 155.4          | 158.3          | 171.1          | 174.2          | 170.3          | 180.4          | 294.2          | 297.6          | 299.4          | 169.8          |
| LOS OLIVOS                                  | 11.7           | 15.0           | 14.9           | 1.9            | 17.7           | 16.0           | 17.1           | 17.2           | 18.2           | 19.9           | 9.9            | 9.9            | 17.7           | 15.9           | 13.9           | 16.3           | 13.2           | 14.6           | 15.6           | 16.6           |
| ZICURÁN                                     | 29.2           | 34.0           | 29.9           | 6.2            | 31.1           | 29.4           | 32.6           | 30.1           | 33.9           | 35.2           | 37.0           | 23.2           | 30.9           | 26.3           | 22.2           | 24.3           | 25.4           | 23.7           | 21.2           | 27.8           |
| <b>DISTRITO :MORELIA Y QUERENDARO,MICH.</b> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| COINTZO                                     | 77.1           | 72.0           | 72.8           | 49.3           | 62.3           | 61.1           | 57.4           | 33.6           | 69.3           | 44.8           | 69.9           | 63.2           | 71.1           | 69.1           | 57.9           | 55.0           | 61.7           | 63.8           | 61.4           | 67.1           |
| LAGUNA DEL FRESNO                           | 6.3            | 11.0           | 10.4           | 5.8            | 12.0           | 11.5           | 12.6           | 11.4           | 10.9           | 6.9            | 12.8           | 9.2            | 10.3           | 8.9            | 8.4            | 8.4            | 7.3            | 5.5            | 4.7            | 4.8            |
| MALPAIS                                     | 19.1           | 20.0           | 16.9           | 15.8           | 17.4           | 17.9           | 19.7           | 20.3           | 20.3           | 20.6           | 22.0           | 14.0           | 15.5           | 13.4           | 17.9           | 13.5           | 12.0           | 13.4           | 11.1           | 13.8           |
| TERCER MUNDO                                | 15.6           | 17.0           | 16.5           | 9.5            | 16.5           | 15.6           | 16.5           | 16.5           | 16.5           | 15.6           | 16.5           | 11.1           | 14.0           | 11.2           | 10.3           | 10.4           | 10.6           | 6.8            | 6.3            | 7.3            |
| <b>DISTRITO :QUITUPAN LA MAGDALENA,MICH</b> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| SAN JUANICO                                 | 21.1           | 14.0           | 10.4           | 7.2            | 25.4           | 25.7           | 24.0           | 13.5           | 22.5           | 12.9           | 19.6           | 15.7           | 36.0           | 31.8           | 27.6           | 22.1           | 15.9           | 13.2           | 16.1           | 18.2           |
| VICENTE C.MILLASEÑOR                        | 6.2            | 11.0           | 9.7            | 5.0            | 12.9           | 11.9           | 12.9           | 11.7           | 11.9           | 4.2            | 11.7           | 6.8            | 11.9           | 10.9           | 8.6            | 7.2            | 7.1            | 9.2            | 9.5            | 6.9            |
| <b>DISTRITO :ROSARIO,MEZQUITE,MICH.</b>     |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| GONZALO                                     | 5.4            | 8.0            | 8.1            | 4.5            | 9.0            | 6.5            | 8.6            | 7.1            | 8.0            | 3.6            | 6.0            | 2.6            | 3.8            | 3.3            | 2.8            | 3.1            | 2.7            | 1.0            | 3.2            | 3.4            |
| MELCHOR OCAMPO                              | 81.4           | 148.0          | 155.1          | 113.3          | 164.8          | 136.6          | 185.0          | 120.1          | 185.0          | 137.4          | 159.8          | 105.1          | 155.4          | 122.5          | 90.2           | 72.6           | 60.8           | 71.5           | 74.8           | 101.3          |
| <b>DISTRITO :TUXPAN,MICH.</b>               |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| AGOSTITLÁN                                  | 15.6           | 16.0           | 15.5           | 15.4           | 15.5           | 15.5           | 15.5           | 10.9           | 15.5           | 15.5           | 15.5           | 11.2           | 13.9           | 11.7           | 12.5           | 12.7           | 12.3           | 13.1           | 10.9           | 10.8           |
| PUCUATO                                     | 10.8           | 11.0           | 10.8           | 10.8           | 10.8           | 10.8           | 10.8           | 10.4           | 10.8           | 8.2            | 10.8           | 8.1            | 10.0           | 9.8            | 9.4            | 9.7            | 8.8            | 9.0            | 6.5            | 6.5            |
| SABANETA                                    | 5.1            | 5.0            | 5.3            | 4.6            | 5.4            | 5.4            | 5.4            | 1.6            | 3.6            | 2.8            | 5.4            | 4.5            | 4.9            | 4.8            | 5.0            | 5.0            | 4.3            | 2.2            | 3.9            | 4.7            |
| <b>DISTRITO :ZACAPU,MICH.</b>               |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| COPANDARO                                   | 0.0            | 3.0            | 2.0            | 0.0            | 0.6            | 2.4            | 3.3            | 0.6            | 2.1            | 0.6            | 4.0            | 2.9            | 2.5            | 2.7            | 1.8            | 0.7            | 1.7            | 2.0            | 2.4            | 3.0            |
| <b>DISTRITO :ZAMORA, MICH.</b>              |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| UREPETIRO                                   | 10.0           | 10.0           | 7.8            | 3.5            | 10.7           | 9.4            | 10.0           | 7.3            | 10.4           | 10.1           | 10.5           | 7.4            | 7.7            | 7.0            | 7.1            | 7.1            | 6.8            | 7.6            | 6.0            | 6.1            |
| <b>DISTRITO :ESTADO DE MORELOS</b>          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| EL RODEO                                    | 6.7            | 12.0           | 15.1           | 4.9            | 6.7            | 8.4            | 5.2            | 8.9            | 10.1           | 9.3            | 11.9           | 7.2            | 6.4            | 6.2            | 6.6            | 11.1           | 9.2            | 7.2            | 10.2           | 12.1           |
| <b>DISTRITO :Valsequillo, Pue.</b>          |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| M.A. CAMACHO                                | 186.4          | 163.0          | 267.9          | 143.2          | 150.3          | 262.8          | 116.3          | 82.6           | 155.5          | 144.8          | 135.9          | 139.3          | 193.7          | 197.4          | 199.6          | 222.1          | 242.5          | 260.6          | 202.6          | 235.1          |
| <b>DISTRITO :SAN JUAN DEL RIO ORO,</b>      |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| CONSTITUCIÓN 1917                           | 33.9           | 36.0           | 13.9           | 2.4            | 41.0           | 35.4           | 37.8           | 9.0            | 31.0           | 9.8            | 45.4           | 29.1           | 16.0           | 10.1           | 4.9            | 13.4           | 7.6            | 1.5            | 17.8           | 21.7           |
| SAN ILDEFONSO                               | 3.8            | 8.0            | 6.7            | 0.0            | 28.0           | 31.7           | 22.0           | 5.3            | 17.3           | 5.1            | 37.5           | 33.8           | 27.0           | 17.1           | 15.3           | 24.2           | 15.5           | 7.3            | 13.1           | 13.7           |
| VAGOS AUXILIARES                            | 6.5            | 7.0            | 1.1            | 0.8            | 6.5            | 7.1            | 11.8           | 5.6            | 11.8           | 2.4            | 11.8           | 9.8            | 9.8            | 9.8            | 9.8            | 5.8            | 5.8            | 5.0            | 6.5            | 8.3            |
| <b>DISTRITO :ATOYAC ZAHUAPAN,TLAX.</b>      |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| ATLANGA                                     | 26.3           | 36.0           | 31.6           | 26.2           | 24.2           | 36.9           | 34.3           | 28.7           | 25.1           | 22.9           | 28.8           | 30.9           | 34.4           | 32.3           | 30.9           | 32.1           | 32.9           | 32.9           | 25.6           | 32.9           |
| <b>DISTRITO :ESTADO DE ZACATECAS</b>        |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| EL CAZADERO                                 | 0.1            | 17.0           | 20.7           | 8.0            | 22.9           | 22.6           | 22.9           | 22.9           | 22.4           | 5.7            | 22.9           | 17.9           | 9.9            | 8.1            | 13.3           | 9.5            | 12.1           | 14.9           | 13.7           | 15.0           |
| EL CHQUE                                    | 36.2           | 27.0           | 7.3            | 0.0            | 20.7           | 47.8           | 51.1           | 34.6           | 47.3           | 13.0           | 53.1           | 48.5           | 28.3           | 4.9            | 1.1            | 21.5           | 42.7           | 40.5           | 14.8           | 8.3            |
| JULIAN ADAME ALATORRE                       |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| LEOBARDO REYNOSO                            | 7.6            | 21.0           | 40.9           | 6.0            | 53.9           | 73.4           | 72.5           | 108.4          | 99.8           | 31.9           | 80.8           | 86.5           | 86.2           | 42.5           | 25.8           | 20.8           | 29.1           | 33.9           | 18.2           | 19.8           |
| MIGUEL ALEMÁN                               | 43.1           | 54.0           | 39.1           | 25.1           | 49.5           | 46.0           | 56.2           | 55.0           | 47.1           | 49.5           | 58.6           | 43.6           | 39.3           | 36.1           | 24.3           | 31.8           | 39.4           | 46.0           | 31.3           | 40.1           |
| SANTA ROSA                                  | 7.1            | 2.0            | 3.0            | 0.0            | 8.9            | 8.5            | 8.1            | 9.0            | 8.6            | 5.5            | 9.3            | 9.3            | 9.3            | 9.3            | 9.3            | 5.9            | 6.9            | 5.1            | 1.8            | 2.0            |
| <b>CENTRO</b>                               | <b>4,150.1</b> | <b>4,647.0</b> | <b>4,786.0</b> | <b>3,800.9</b> | <b>5,088.4</b> | <b>5,149.4</b> | <b>5,296.8</b> | <b>4,210.6</b> | <b>4,860.5</b> | <b>4,253.6</b> | <b>5,490.2</b> | <b>5,047.6</b> | <b>5,677.0</b> | <b>5,253.3</b> | <b>4,846.4</b> | <b>4,639.0</b> | <b>5,109.5</b> | <b>4,990.6</b> | <b>4,973.8</b> | <b>5,365.0</b> |

Fuente: Elaborado por el CEPP con base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 59.1

México: Distritos de riego en la zona centro norte, disponibilidad  
(Millones de metros cúbicos)

|                                          | 1980           | 1981           | 1982           | 1983           | 1984           | 1985           | 1986           | 1987           | 1988           | 1989           | 1990           | 1991           | 1992           | 1993           | 1994           | 1995           | 1996           | 1997           |
|------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>DISTRITO :BAJO RIO CONCHOS, CHIH.</b> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| LUIS L. LEÓN                             | 260.0          | 260.0          | 260.0          | 260.0          | 260.0          | 260.0          | 260.0          | 339.8          | 256.7          | 308.0          | 382.9          | 442.7          | 497.0          | 421.9          | 254.4          | 138.7          | 200.3          | 304.0          |
| <b>DISTRITO :CIUDAD DELICIAS, CHIH.</b>  |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| BOQUILLA (3)                             | 2,011.4        | 2,200.0        | 2,740.7        | 1,713.6        | 1,186.0        | 2,136.0        | 2,300.3        | 1,847.9        | 1,900.6        | 1,415.7        | 1,993.3        | 2,202.1        | 2,173.2        | 1,199.7        | 550.0          | 266.7          | 696.6          | 1,365.8        |
| FCO. I. MADERO                           | 277.9          | 320.0          | 306.7          | 41.1           | 98.4           | 299.6          | 314.3          | 217.8          | 218.6          | 153.7          | 321.7          | 244.1          | 198.8          | 80.3           | 30.3           | 75.9           | 236.7          | 203.8          |
| <b>DISTRITO :EL CARMEN, CHIH.</b>        |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| LAS LAJAS                                | 21.5           | 81.0           | 80.7           | 8.9            | 5.8            | 40.3           | 61.2           | 12.0           | 74.8           | 47.7           | 83.2           | 76.4           | 42.0           | 18.6           | 13.5           | 7.7            | 39.8           | 54.6           |
| <b>DISTRITO :RIO FLORIDO, CHIH.</b>      |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| PICO DE AGUILA                           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 5.0            | 0.9            |
| SAN GABRIEL                              | 0.0            | 95.0           | 230.0          | 137.0          | 75.6           | 158.5          | 230.0          | 250.0          | 227.2          | 134.5          | 230.0          | 216.0          | 180.4          | 100.5          | 77.6           | 23.0           | 94.9           | 157.7          |
| <b>DISTRITO :RIO PAPIGUICHIC, CHIH.</b>  |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| ABRAHAM GONZÁLEZ                         | 38.5           | 63.0           | 60.9           | 51.3           | 62.8           | 61.0           | 56.1           | 41.3           | 53.1           | 52.4           | 63.0           | 57.3           | 56.8           | 52.6           | 34.5           | 10.0           | 27.3           | 53.7           |
| <b>DISTRITO :SAN BUENAVENTURA, CHIH.</b> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| EL TINTERO                               | 30.9           | 74.0           | 122.0          | 52.7           | 35.5           | 63.7           | 94.5           | 46.4           | 122.0          | 95.8           | 122.0          | 116.4          | 79.0           | 27.1           | 10.6           | 7.0            | 46.2           | 76.0           |
| <b>DISTRITO :PALESTINA, COAH.</b>        |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| CENTENARIO                               | 0.6            | 13.0           | 13.1           | 10.3           | 13.2           | 8.0            | 14.1           | 14.1           | 14.1           | 14.1           | 14.1           | 14.1           | 14.1           | 14.1           | 13.3           | 8.3            | 5.5            | 17.1           |
| SAN MIGUEL                               | 10.0           | 8.0            | 6.6            | 5.7            | 9.5            | 10.5           | 10.5           | 10.5           | 10.5           | 9.3            | 10.5           | 10.4           | 10.5           | 10.5           | 9.9            | 6.8            | 5.6            | 18.2           |
| <b>DISTRITO :REG. LAG. COAH. Y DGO.</b>  |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| FRANCISCO ZARCO                          | 5.9            | 147.0          | 100.0          | 34.0           | 71.0           | 18.9           | 171.0          | 116.0          | 44.0           | 70.0           | 222.7          | 176.0          | 103.9          | 79.9           | 54.0           | 19.1           | 130.6          | 69.5           |
| LAZARO CARDENAS                          | 2,085.6        | 1,839.0        | 2,586.0        | 1,502.3        | 1,407.0        | 2,534.8        | 2,528.0        | 2,732.9        | 2,732.9        | 1,934.5        | 2,732.9        | 2,674.5        | 2,435.2        | 1,932.5        | 1,668.4        | 688.9          | 711.5          | 1,171.2        |
| <b>DISTRITO :DON MARTÍN, COAH. Y NL.</b> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| EL CUCHILLO                              | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 83.1           | 108.9          |
| SALINILLAS                               | 6.5            | 14.0           | 8.8            | 7.7            | 7.3            | 9.9            | 8.4            | 10.6           | 13.2           | 10.1           | 13.2           | 10.8           | 12.9           | 12.4           | 11.1           | 10.7           | 11.5           | 10.8           |
| VENUSTIANO CARRANZA                      | 1,022.8        | 1,380.0        | 1,314.9        | 906.1          | 494.0          | 162.3          | 839.6          | 1,309.0        | 1,362.1        | 779.2          | 676.4          | 551.0          | 856.1          | 666.1          | 324.8          | 99.5           | 79.2           | 197.9          |
| <b>DISTRITO :ESTADO DE DURANGO.</b>      |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| FRANCISCO VILLA                          |                |                |                |                |                |                | 32.0           | 39.8           | 37.3           | 15.7           | 96.6           | 62.6           | 63.4           | 23.9           | 20.9           | 18.5           | 19.6           | 27.9           |
| GUADALUPE VICTORIA                       |                |                |                |                |                |                | 77.0           | 89.8           | 67.5           | 37.2           | 76.7           | 64.5           | 63.0           | 49.2           | 51.6           | 43.3           | 50.3           | 56.4           |
| PEÑA DE LA AGUILA                        |                |                |                |                |                |                | 29.7           | 29.1           | 26.2           | 5.7            | 29.6           | 24.2           | 16.7           | 16.1           | 12.9           | 7.5            | 14.5           | 14.9           |
| SANTIAGO BAYACORA                        |                |                |                |                |                |                | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 38.9           | 51.4           |
| <b>CENTRO NORTE</b>                      | <b>5,771.6</b> | <b>6,494.0</b> | <b>7,809.4</b> | <b>4,730.7</b> | <b>3,726.8</b> | <b>5,763.5</b> | <b>7,026.7</b> | <b>7,066.0</b> | <b>7,152.8</b> | <b>5,083.6</b> | <b>6,993.8</b> | <b>6,933.1</b> | <b>6,774.0</b> | <b>4,704.4</b> | <b>3,137.8</b> | <b>1,431.6</b> | <b>2,695.1</b> | <b>3,960.7</b> |

Fuente: Elaborado por el CENP con base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

## SECTOR AGROPECUARIO

CUADRO 59.1

México: Distritos de riego en la zona noreste, disponibilidad

(Millones de metros cúbicos)

|                                            | 1980           | 1981           | 1982           | 1983           | 1984           | 1985           | 1986           | 1987           | 1988           | 1989           | 1990           | 1991           | 1992           | 1993           | 1994           | 1995           | 1996           | 1997           |
|--------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>DISTRITO :BAJO RIO BRAVO,TAMPS.</b>     |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| FALCÓN-MEXICO (4)                          | 1,062.9        | 1,115.0        | 1,166.0        | 869.0          | 473.8          | 379.2          | 760.5          | 1,291.0        | 1,291.0        | 954.6          | 955.1          | 863.8          | 1,262.8        | 875.2          | 644.3          | 247.5          | 150.2          | 182.0          |
| LA AMISTAD-MEXICO (4)                      | 1,431.7        | 1,464.0        | 1,580.7        | 1,277.7        | 1,090.0        | 925.8          | 1,180.7        | 1,496.8        | 1,534.5        | 1,162.6        | 1,387.6        | 1,417.8        | 1,501.9        | 1,336.3        | 819.9          | 374.9          | 268.2          | 444.1          |
| VASOS REGULADORES (1)                      | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| <b>DISTRITO :BAJO RIO SAN JUAN,TAMPS.</b>  |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| MARTE R. GÓMEZ                             | 755.0          | 357.0          | 895.7          | 436.0          | 1,022.9        | 741.5          | 936.9          | 1,051.2        | 1,051.2        | 455.4          | 331.9          | 279.4          | 457.3          | 404.8          | 232.4          | 118.8          | 125.7          | 179.1          |
| <b>DISTRITO :RIO PANUCOLAS ANIMAS, PUJ</b> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| CHICAYÁN (PASO DE PIEDRA)                  | 95.6           | 244.0          | 118.3          | 70.1           | 124.1          | 211.3          | 46.4           | 133.7          | 129.4          | 307.6          | 186.6          | 149.8          | 142.3          | 130.4          | 100.4          | 82.9           | 43.1           | 23.3           |
| EST. R. CABALLERO D.                       | 387.9          | 440.0          | 388.3          | 380.5          | 421.1          | 434.3          | 468.6          | 364.0          | 411.4          | 445.1          | 461.4          | 394.2          | 414.6          | 386.9          | 370.8          | 368.6          | 310.8          | 365.6          |
| <b>DISTRITO :RIO SOTO LA MARINA,TAMP.</b>  |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| VICENTE GUERRERO                           | 3,648.2        | 3,068.0        | 3,715.7        | 3,078.3        | 2,960.6        | 3,078.3        | 2,000.6        | 1,867.8        | 2,074.4        | 1,155.1        | 926.3          | 749.4          | 896.2          | 904.2          | 1,014.8        | 945.0          | 1,048.8        | 1,015.6        |
| <b>DISTRITO :XICOTENCATL, TAMPS.</b>       |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |
| SAN LORENZO                                | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 120.7          | 157.4          |
| <b>NORESTE</b>                             | <b>7,382.3</b> | <b>6,488.0</b> | <b>7,874.7</b> | <b>6,091.6</b> | <b>6,892.5</b> | <b>5,778.4</b> | <b>5,394.7</b> | <b>6,004.5</b> | <b>6,491.9</b> | <b>3,990.4</b> | <b>4,257.9</b> | <b>3,051.4</b> | <b>4,675.0</b> | <b>4,037.8</b> | <b>3,182.6</b> | <b>2,137.7</b> | <b>2,008.5</b> | <b>2,357.3</b> |

Fuente: Elaborado por el COTP con base a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 60.1  
México: Distritos de riego en la zona noroeste, disponibilidad  
(Millones de metros cúbicos)

|                                    | 1980           | 1981           | 1982            | 1983           | 1984            | 1985            | 1986            | 1987           | 1988            | 1989           | 1990            | 1991            | 1992            | 1993            | 1994           | 1995           | 1996           | 1997           |
|------------------------------------|----------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|
| <b>DISTRITO : TIJUANA, B.C.</b>    |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| A. RODRIGUEZ                       | 117.6          | 83.0           | 71.6            | 83.6           | 97.0            | 74.6            | 34.3            | 11.0           | 2.8             | 1.8            | 0.9             | 19.6            | 17.3            | 123.4           | 109.6          | 111.4          | 47.3           | 9.8            |
| <b>DISTRITO : ESTADO DE COLIMA</b> |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| AMELA                              | 26.0           | 24.0           | 26.0            | 24.8           | 24.2            | 26.0            | 25.9            | 21.0           | 25.9            | 26.0           | 21.1            | 15.7            | 24.0            | 22.1            | 20.4           | 17.9           | 20.9           | 21.8           |
| BASILIO VADILLO                    | 100.1          | 113.0          | 75.0            | 46.5           | 100.3           | 104.2           | 114.6           | 110.1          | 109.1           | 34.1           | 97.6            | 73.4            | 101.3           | 93.4            | 61.2           | 79.0           | 72.0           | 74.0           |
| <b>DISTRITO : CHILACAN, SIN.</b>   |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| A.L. MATEOS                        | 690.6          | 1,649.0        | 2,612.5         | 1,625.3        | 1,461.9         | 3,103.0         | 2,120.3         | 666.1          | 1,434.7         | 1,502.8        | 2,428.1         | 2,221.9         | 2,306.4         | 1,339.5         | 679.8          | 363.4          | 634.4          | 1,112.6        |
| EL COMEDERO                        | 0.0            | 0.0            | 1,120.6         | 379.7          | 660.1           | 1,853.2         | 2,056.9         | 1,433.0        | 1,436.7         | 953.9          | 1,780.1         | 1,689.1         | 1,993.5         | 1,076.5         | 586.1          | 225.6          | 274.7          | 640.0          |
| EUSTAQUIO BUELA                    | 40.1           | 104.0          | 229.2           | 257.3          | 151.5           | 158.3           | 141.9           | 22.1           | 62.6            | 105.9          | 274.0           | 94.1            | 76.7            | 29.9            | 53.7           | 33.4           | 27.9           | 19.3           |
| SANALONA                           | 121.0          | 681.0          | 625.6           | 290.7          | 411.0           | 779.2           | 664.2           | 119.2          | 576.4           | 480.0          | 662.6           | 543.0           | 667.6           | 351.2           | 259.0          | 192.1          | 206.4          | 280.0          |
| <b>DISTRITO : GUASAVE, SIN.</b>    |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| BACURATO                           | 0.0            | 0.0            | 1,051.3         | 1,310.4        | 1,811.5         | 1,917.8         | 1,172.6         | 454.0          | 1,143.1         | 1,115.6        | 1,775.3         | 1,645.1         | 1,525.8         | 925.4           | 680.6          | 702.4          | 660.1          | 720.8          |
| GILBERTO BLAKE AGUILAR             | 0.0            | 0.0            | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             | 0.0            | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0            | 0.0            | 126.6          | 134.3          |
| <b>DISTRITO : RIO FUERTE, SIN.</b> |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| AURELIO BENASSINI                  | 0.0            | 0.0            | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             | 0.0            | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0            | 0.0            | 223.9          | 233.2          |
| J.O. DE DOMINGUEZ                  | 349.0          | 526.0          | 406.0           | 481.0          | 420.4           | 540.0           | 510.0           | 19.7           | 411.0           | 634.0          | 563.0           | 470.9           | 363.6           | 339.6           | 318.0          | 420.5          | 162.8          | 315.7          |
| LUIS DONALDO SOLOSO                |                |                |                 |                |                 |                 | 0.0             | 0.0            | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0            | 0.0            | 756.9          | 680.3          |
| NIQUEL HIDALGO                     | 1,070.8        | 2,414.0        | 2,268.5         | 1,903.6        | 2,379.1         | 2,890.0         | 2,425.5         | 778.0          | 2,122.6         | 2,293.6        | 2,930.0         | 2,374.8         | 2,290.8         | 1,750.5         | 1,674.2        | 1,512.8        | 766.8          | 995.3          |
| <b>DISTRITO : RIO ALTAR, SON.</b>  |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| CUALTEMOC                          | 29.4           | 19.0           | 18.0            | 34.2           | 43.0            | 43.0            | 30.9            | 14.8           | 15.6            | 20.0           | 30.5            | 23.5            | 27.3            | 43.0            | 36.7           | 36.6           | 6.7            | 4.4            |
| <b>DISTRITO : RIO MAYO, SON.</b>   |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| A. RUIZ CORTINEZ                   | 243.2          | 738.0          | 706.8           | 625.7          | 900.1           | 1,033.3         | 693.1           | 220.1          | 589.4           | 406.0          | 1,069.3         | 971.9           | 832.3           | 625.0           | 439.0          | 767.4          | 611.0          | 381.9          |
| <b>DISTRITO : RIO SONORA, SON.</b> |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| A. RODRIGUEZ LUJAN                 | 68.3           | 86.0           | 77.9            | 93.5           | 219.0           | 236.5           | 175.4           | 83.8           | 132.9           | 106.6          | 178.0           | 126.2           | 114.7           | 160.6           | 136.3          | 227.7          | 130.1          | 66.3           |
| <b>DISTRITO : RIO YAQUI, SON.</b>  |                |                |                 |                |                 |                 |                 |                |                 |                |                 |                 |                 |                 |                |                |                |                |
| A. OBRERON                         | 892.6          | 913.0          | 891.6           | 719.8          | 1,969.5         | 2,727.0         | 2,324.5         | 1,019.2        | 1,073.5         | 691.2          | 2,239.2         | 2,450.5         | 2,514.5         | 2,557.5         | 2,067.7        | 1,604.7        | 760.2          | 522.2          |
| ANGOSTURA                          | 293.3          | 164.0          | 319.6           | 372.8          | 741.5           | 690.4           | 690.5           | 486.5          | 655.5           | 374.6          | 704.0           | 834.1           | 800.3           | 843.4           | 628.1          | 615.5          | 415.9          | 365.4          |
| P.E. CALLES                        | 1,123.0        | 1,229.0        | 1,455.0         | 870.9          | 1,063.7         | 2,617.0         | 2,250.2         | 1,346.4        | 1,828.5         | 1,223.7        | 2,170.1         | 2,091.2         | 1,899.3         | 2,058.4         | 1,200.9        | 1,577.9        | 1,021.6        | 557.5          |
| <b>NOROESTE</b>                    | <b>5,805.0</b> | <b>8,735.0</b> | <b>11,877.2</b> | <b>9,059.8</b> | <b>13,293.8</b> | <b>18,932.8</b> | <b>15,638.8</b> | <b>6,805.0</b> | <b>11,581.3</b> | <b>9,877.8</b> | <b>16,931.8</b> | <b>15,625.9</b> | <b>15,615.3</b> | <b>12,348.4</b> | <b>9,661.3</b> | <b>8,486.5</b> | <b>6,966.2</b> | <b>7,114.8</b> |

Fuente: Elaborado por el CBP del Inae a datos de la SAGAR, Centro de Documentación Estadística, Noviembre del 2000.

SECTOR AGROPECUARIO  
CUADRO 61.1  
México: Distritos de riego en la zona sur, disponibilidad  
(Millones de metros cúbicos)

|                                              | 1980           | 1981         | 1982           | 1983         | 1984         | 1985           | 1986         | 1987         | 1988           | 1989           | 1990         | 1991         | 1992         | 1993         | 1994         | 1995         | 1996           | 1997           |
|----------------------------------------------|----------------|--------------|----------------|--------------|--------------|----------------|--------------|--------------|----------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|
| <b>DISTRITO LAGUNA DE TUXPAN, GRO.</b>       |                |              |                |              |              |                |              |              |                |                |              |              |              |              |              |              |                |                |
| LAGUNA DE TUXPAN                             | 10.3           | 10.0         | 11.6           | 0.3          | 0.0          | 6.4            | 2.4          | 5.1          | 2.1            | 9.5            | 8.4          | 4.6          | 6.4          | 6.3          | 4.5          | 2.4          | 4.9            | 5.5            |
| <b>DISTRITO RÍOS AMUJO Y OJIZAMALA, GRO.</b> |                |              |                |              |              |                |              |              |                |                |              |              |              |              |              |              |                |                |
| ANDRÉS FIGUEROA                              | 0.0            | 0.0          | 0.0            | 0.0          | 0.0          | 0.0            | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 139.0        | 152.2        | 144.3        | 131.9        | 143.2        | 42.0           | 49.6           |
| EL PEJO                                      | 3.1            | 5.0          | 5.3            | 1.6          | 3.4          | 4.7            | 6.2          | 4.7          | 4.2            | 2.1            | 2.1          | 2.1          | 2.1          | 1.9          | 1.9          | 1.9          | 0.0            | 0.0            |
| LA CALERA                                    | 21.7           | 22.0         | 4.0            | 15.8         | 21.5         | 21.7           | 21.0         | 21.8         | 21.7           | 18.6           | 16.5         | 2.8          | 2.0          | 1.9          | 1.9          | 1.0          | 6.2            | 5.8            |
| VICENTE GUERRERO                             | 172.0          | 178.0        | 180.0          | 160.0        | 167.0        | 155.0          | 173.0        | 170.0        | 189.0          | 190.0          | 198.0        | 16.7         | 16.0         | 14.0         | 10.9         | 13.0         | 142.3          | 128.9          |
| <b>DISTRITO TEPECOAQUILCO, GRO.</b>          |                |              |                |              |              |                |              |              |                |                |              |              |              |              |              |              |                |                |
| REVOLUCIÓN MEXICANA                          | 0.0            | 0.0          | 0.0            | 0.0          | 0.0          | 0.0            | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 86.5           | 70.3           |
| VALERIO TRUJANO                              | 20.6           | 26.0         | 26.6           | 6.8          | 17.9         | 22.3           | 13.1         | 26.1         | 21.6           | 31.4           | 31.7         | 37.4         | 23.8         | 18.1         | 18.0         | 22.9         | 13.6           | 30.1           |
| <b>DISTRITO TERNANTEPEC, OAX.</b>            |                |              |                |              |              |                |              |              |                |                |              |              |              |              |              |              |                |                |
| BENITO JUÁREZ                                | 803.0          | 690.0        | 912.9          | 429.2        | 269.1        | 880.2          | 322.0        | 150.1        | 904.6          | 559.5          | 362.5        | 527.6        | 427.6        | 641.7        | 668.7        | 989.6        | 533.2          | 799.5          |
| <b>DISTRITO XOXTÉPEQUES, OHS.</b>            |                |              |                |              |              |                |              |              |                |                |              |              |              |              |              |              |                |                |
| JUAN SADRÉS GUTIÉRREZ                        | 0.0            | 0.0          | 0.0            | 0.0          | 0.0          | 0.0            | 0.0          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 85.5           | 62.1           |
| <b>SUR</b>                                   | <b>1,130.7</b> | <b>931.0</b> | <b>1,119.3</b> | <b>609.9</b> | <b>478.9</b> | <b>1,092.3</b> | <b>536.7</b> | <b>377.6</b> | <b>1,143.6</b> | <b>1,052.6</b> | <b>621.2</b> | <b>532.4</b> | <b>629.1</b> | <b>828.2</b> | <b>826.6</b> | <b>754.9</b> | <b>1,153.1</b> | <b>1,096.8</b> |

Fuente: Elaborado por el CEF a base de datos de la SAGAR, Centro de Coordinación Estadística, Noviembre de 2008.

## PRECIOS MEDIOS

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# SECTOR AGROPECUARIO

CUADRO 62.1

## México: Precio medio rural de los 10 principales cultivos

(Pesos por tonelada)

| AÑO  | AJONJOLI | ALGODÓN  | ARROZ PALAY | CARTAMO  | CEBADA   | FRIJOL   | MAIZ     | SORGO    | SOYA     | TRIGO    |
|------|----------|----------|-------------|----------|----------|----------|----------|----------|----------|----------|
| 1980 | 11.89    | 5.07     | 5.88        | 7.18     | 3.78     | 15.12    | 5.02     | 3.48     | 7.69     | 3.65     |
| 1981 | 15.41    | 4.79     | 6.27        | 8.11     | 5.52     | 16.58    | 6.86     | 3.96     | 10.79    | 4.74     |
| 1982 | 31.62    | 5.98     | 9.71        | 11.47    | 7.82     | 20.32    | 9.65     | 6.46     | 15.29    | 6.88     |
| 1983 | 54.96    | 19.65    | 21.95       | 22.76    | 17.16    | 31.2     | 18.69    | 12.26    | 32.75    | 14.03    |
| 1984 | 106.04   | nd       | 37.39       | 35.84    | 30.87    | 50.35    | 33.75    | 24.25    | 58.43    | 25.26    |
| 1985 | 142.85   | 239.7    | 58.66       | 63.75    | 48.34    | 156.42   | 52.59    | 34.16    | 86.06    | 37.16    |
| 1986 | 314.61   | 299.11   | 101.87      | 111.82   | 99.89    | 229.09   | 93.3     | 72.53    | 166.85   | 59.72    |
| 1987 | 724.14   | 788.34   | 245.71      | 223.73   | 189.07   | 493.43   | 247.69   | 156.36   | 487.28   | 131.18   |
| 1988 | 1,052.92 | 926.09   | 396.15      | 513.78   | 339.32   | 776.37   | 373.09   | 260.46   | 810.6    | 309.75   |
| 1989 | 1,475.31 | 1,242.90 | 501.75      | 633.2    | 443.91   | 977.09   | 468.11   | 296.16   | 960.25   | 388.86   |
| 1990 | 2,021.34 | 1,586.09 | 545.6       | 665.47   | 562.01   | 1,987.62 | 609.47   | 341.05   | 815.74   | 507.21   |
| 1991 | 2,030.46 | 1,903.31 | 610.52      | 703.57   | 634.51   | 2,051.78 | 707.31   | 429.98   | 1,267.57 | 586.21   |
| 1992 | 2,420.11 | 1,748.93 | 567.29      | 774.02   | 694.7    | 2,265.90 | 761.23   | 439.41   | 1,022.17 | 615.07   |
| 1993 | 2,206.59 | 1,776.95 | 544.33      | 794.89   | 696.98   | 2,157.12 | 767.73   | 428.27   | 994.84   | 614.93   |
| 1994 | 2,152.05 | 1,877.42 | 687.8       | 788.26   | 678.89   | 1,900.74 | 656.22   | 406.87   | 857.45   | 610.79   |
| 1995 | 5,110.73 | 4,005.01 | 1,066.10    | 1,316.18 | 1,002.60 | 2,186.28 | 1,091.57 | 941.54   | 1,473.61 | 902.56   |
| 1996 | 4,597.09 | 4,132.62 | 1,616.62    | 1,994.40 | 1,419.83 | 4,264.38 | 1,434.72 | 1,141.07 | 2,126.89 | 1,774.95 |
| 1997 | 4,333.40 | 4,193.02 | 1,516.13    | 2,077.74 | 1,378.26 | 5,470.61 | 1,353.75 | 981.81   | 2,228.67 | 1,306.13 |
| 1998 | 4,938.32 | 4,741.44 | 1,640.47    | 2,179.01 | 1,443.05 | 6,040.76 | 1,446.08 | 1,018.32 | 2,286.17 | 1,372.50 |
| 1999 | 5,600.07 | 4,360.00 | 1,753.31    | 1,894.27 | 1,449.34 | 5,299.61 | 1,453.71 | 974.83   | 1,976.83 | 1,373.44 |

Fuente: Elaborado por el CEFPE de la Honorable Cámara de Diputados en base a datos de la SAGAR, Noviembre del 2000.



SECTOR AGROPECUARIO

CUADRO 63.1

México: Precio medio rural de los 10 principales cultivos

(Dólares por tonelada)

| AÑO  | AJONJOLI | ALGODÓN | ARROZ PALAY | CARTAMO | CEBADA | FRIJOL | MAIZ   | SORGO  | SOYA   | TRIGO  |
|------|----------|---------|-------------|---------|--------|--------|--------|--------|--------|--------|
| 1980 | 519.21   | 221.40  | 256.77      | 313.54  | 165.07 | 660.26 | 219.21 | 151.97 | 335.81 | 159.39 |
| 1981 | 628.98   | 195.51  | 255.92      | 331.02  | 225.31 | 676.73 | 280.00 | 161.63 | 440.41 | 193.47 |
| 1982 | 552.80   | 104.55  | 169.76      | 200.52  | 136.71 | 355.24 | 168.71 | 112.94 | 267.31 | 120.28 |
| 1983 | 365.67   | 130.74  | 146.04      | 151.43  | 114.17 | 207.58 | 124.35 | 81.57  | 217.90 | 93.35  |
| 1984 | 572.57   | nd      | 201.89      | 193.52  | 166.68 | 271.87 | 182.24 | 130.94 | 315.50 | 136.39 |
| 1985 | 460.36   | 772.48  | 189.04      | 205.45  | 155.78 | 504.09 | 169.48 | 110.09 | 277.34 | 119.76 |
| 1986 | 493.20   | 468.90  | 159.70      | 175.29  | 156.59 | 359.13 | 146.26 | 113.70 | 261.56 | 93.62  |
| 1987 | 515.11   | 560.78  | 174.78      | 159.15  | 134.49 | 351.00 | 176.19 | 111.22 | 346.62 | 93.31  |
| 1988 | 459.87   | 404.48  | 173.02      | 224.40  | 148.20 | 339.09 | 162.95 | 113.76 | 354.04 | 135.29 |
| 1989 | 594.07   | 500.48  | 202.04      | 254.97  | 178.75 | 393.45 | 188.50 | 119.26 | 386.67 | 156.58 |
| 1990 | 712.14   | 558.80  | 192.22      | 234.45  | 198.00 | 700.26 | 214.72 | 120.16 | 287.39 | 178.70 |
| 1991 | 673.21   | 631.05  | 202.42      | 233.27  | 210.37 | 680.28 | 234.51 | 142.56 | 420.27 | 194.36 |
| 1992 | 782.17   | 565.25  | 183.35      | 250.16  | 224.52 | 732.33 | 246.03 | 142.02 | 330.36 | 198.79 |
| 1993 | 676.87   | 545.08  | 166.97      | 243.83  | 213.80 | 661.69 | 235.50 | 131.37 | 305.17 | 188.63 |
| 1994 | 631.10   | 550.56  | 201.70      | 231.16  | 199.09 | 557.40 | 192.44 | 119.32 | 251.45 | 179.12 |
| 1995 | 774.35   | 606.82  | 161.53      | 199.42  | 151.91 | 331.25 | 165.39 | 142.66 | 223.27 | 136.75 |
| 1996 | 600.93   | 540.21  | 211.32      | 260.71  | 185.60 | 557.44 | 187.55 | 149.16 | 278.02 | 232.02 |
| 1997 | 539.65   | 522.17  | 188.81      | 258.75  | 171.64 | 681.27 | 168.59 | 122.27 | 277.54 | 162.66 |
| 1998 | 528.16   | 507.11  | 175.45      | 233.05  | 154.34 | 646.07 | 154.66 | 108.91 | 244.51 | 146.79 |
| 1999 | 577.33   | 449.48  | 180.75      | 195.29  | 149.42 | 546.35 | 149.87 | 100.50 | 203.80 | 141.59 |

Fuente: Elaborado por el CEFP de la Honorable Cámara de Diputados en base a datos de la SAGAR, Noviembre del 2000.